

MINESTAR REPORTING

Standard Reports and Dashboards

July 2022



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Standard Reports

Production

MPR002 – Management Summary – standard format

MPR005 – Movements Summary - graphical ex-mine, rehandle report

MPR006 – Benches Mined – Flexible period based report on benches mined

MPR007 – Cycle Details – detailed data dump of granular cycles for validation

MPR020 – Cycle Detail Summary – summary of cycles

MPR008 – Truck Production

MGE002 – Movement Grade Summary – reports movements by multiple filters

MGE004 – Grade Report – summary of grade per cycle

MPR002

Management Summary

Basic Summary of Mining and Drilling

Multiple pages

Choice of grouping

SELECT PARAMETERS << Paging < Page 1 > of 3 >

Date Range
 1/01/2016 Smart d
 TO
 14/01/2016 Smart d

Operation
 Demo Operation P1

Group By
 Material

Weight Type
 Dry

Expand All
 Yes

First Time Metric
 Availability

Second Time Metric
 Utilisation

Run automatically next time

Bookmark: New bookmark

New Open Save Save As Schedule QR

Run Report

Management Summary

Operation	Start Date	End Date	Weight Type
Demo Operation	1/01/2016	14/01/2016	Dry

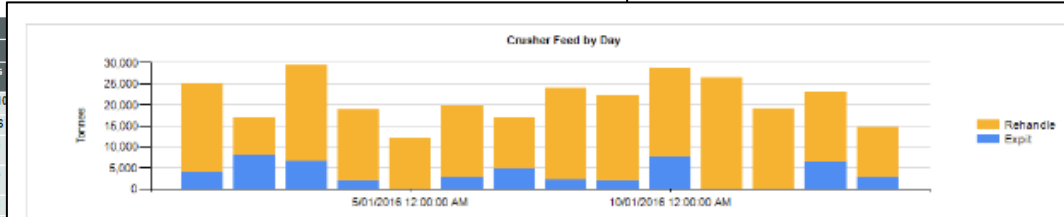
Show/Hide All Graphs

Operation Production

Operation	Material	All Movement						Tonnes
		Expit			Rehandle			
		Tonnes	bcm	Air Grade	Tonnes	bcm	Air Grade	
<input checked="" type="checkbox"/>	Demo Operation P1	2,100,155	700,052	1.46	398,055	135,197	2.45	2,498,210
	LQ2 - Waste Limestone	109,782	38,587		19,104	8,832		128,886
	MnWstPAG - Mineralize Waste PAG	12,458	4,153	1.43				12,458
	MQ3 - Metallurgical Waste Limestone	27,275	9,092					27,275
	WasteNAG - WasteNAG	12,836	4,279	0.32	2,832	944		15,668
	WastePAG - WastePAG	638,489	212,830	0.73	354	118		638,843
	H02 - High Grade - Hi Sulphur	80,028	20,009	5.58	241,988	82,704	3.70	301,996
	L01 - Lo grade-Lo Sulphur	31,240	10,413	1.95				31,240
	L02 - Lo Grade-Medium Sulphur	374,766	124,922	2.20				374,766
	L03 - Lo Grade-Hi Sulphur	251,075	83,692	2.30				251,075
	MQ2 - Medium Grade-Medium Sulphur	95,411	31,804	3.49				95,411
	MQ3 - Medium Grade-Hi Sulphur	104,911	34,970	3.48				104,911
	MQ - Process Limestone	149,799	49,033		690	230		150,489
	MQ2 - Process Limestone	82,492	27,497					82,492
	SMQ - Screened metallurgical material	8,880	2,953		57,743	19,248		66,603
	LQ3 - Waste Limestone	42,328	14,109		32,745	10,915		75,073
	W1 - Waste Limestone				21,154	7,051		21,154
	UNKNOWN - Unknown material type	83,084	21,028	0.59				63,084
	LQ1 - Construction Limestone	28,481	9,494					28,481
	M01 - Medium Grade-Lo Sulphur	5,958	1,958	3.12				5,958
	TRI - Construction Limestone				1,110	370		1,110
	H01 - High Grade-Lo Sulphur	903	301	4.64	20,355	8,785	5.01	21,258
Total		2,100,155	700,052	1.46	398,055	135,197	2.45	2,498,210

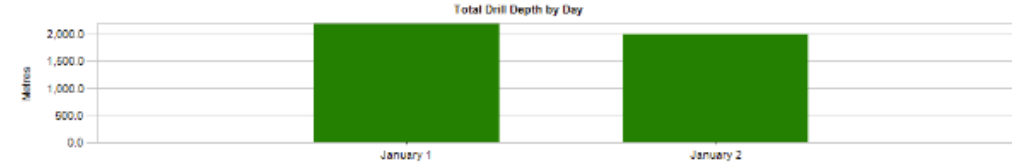
5/01/2016 12:00:00 AM

Generated on Wednesday, 24 March 2016



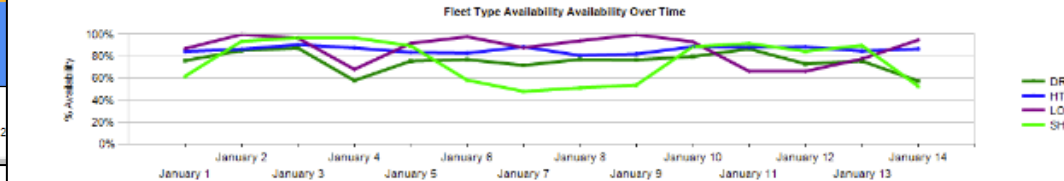
Drilling

Operation	Shot	No. Holes	Total Depth	Penetration Rate	Down Time
		Count	Metres	Metres/Hours DT	Hours
<input checked="" type="checkbox"/>	Demo Operation P1				
	MN3698014	90	1,076.2		
	MN3698016	59	675.7		
	H02108012	89	1,025.8		
	H02238208	42	473.2		
	H02238209	23	224.7		
	H02238506	45	490.6		
	H02238507	2	26.1		
	H02238508	24	249.0		
Total		374	4,189.5	3.3	409.6



Operation Time Metrics

Demo Operation P1	Dike			Load Truck			Loaders			Shovels		
	Availability	Utilisation	Total Time (hrs)	Availability	Utilisation	Total Time (hrs)	Availability	Utilisation	Total Time (hrs)	Availability	Utilisation	Total Time (hrs)
	78%	55%	1,580.0	84%	80%	11,424.0	81%	70%	1,028.0	82%	55%	872.0



MPR005

Movement Summary

Mine movement in type of movement (Expit etc)

Multiple pages

Can be restricted to a material

SELECT PARAMETERS << Paging < Page 1 of 2 >

Start Date: 1/01/2016 Smart d

TO: 4/01/2016 Smart d

Operation: Demo Operation P1

Weight Type: Dry

Material: All...

Movements Summary

Operation: Demo Operation Start Date: 1/1/2016 End Date: 1/4/2016 Wet / Dry: Dry Material: High Grade - Hi Sulphur, Waste

All Movements	Tonnes	% TM
Exmine Direct Tip	20,379	2.9 %
Exmine Primary	566,250	79.4 %
Surface Reclaim	69,702	9.8 %
Surface Rehandle	57,157	8.0 %
Total Movements	713,487	100.0 %

MPR005 Generated on Wednesday, March 24, 2021 8:29:24 AM J

Exmine	Tonnes	% EM	% TM
Direct Tip	20,379	3.5 %	2.9 %
Primary	566,250	96.5 %	79.4 %
Total Exmine	586,628		82.2 %

Exmine Graph

Surface	Tonnes	% SM	% TM
Reclaim	69,702	54.9 %	9.8 %
Rehandle	57,157	45.1 %	8.0 %
Total Surface	126,859		17.8 %

Surface Graph

MPR005 Generated on Wednesday, March 24, 2021 8:30:22 AM J Page 2 of 2



MPR006


Benches Mined


Mine Movement by bench


Shows raw data and survey adjusted

SELECT PARAMETERS << >> Paging Page 1 of 4







Date Range
1/01/2016 Smart d 
to
25/01/2016 Smart d 

Operation
All... 

Expand All
Yes 

Run automatically next time 

Bookmark: New bookmark

     
New Open Save Save As Schedule QR

Run Report

EOM Survey Validation

Start Date 1/01/2016 End Date 25/01/2016 Operation Demo Operation K2, Demo Operat...

Pit	Stage	Bench	Block	Date	Volume			Weight		
					Reported bcm	Survey bcm	Factor Applied	Reported Tonnes	Survey Tonnes	Factor Applied
Mop Pit					707,351	717,994	1.015	2,122,053	2,153,983	1.016
					704,755	715,320	1.015	2,114,265	2,145,980	1.015
		190			1,062	1,333	1.255	3,186	4,000	1.255
			790		1,062	1,333	1.255	3,186	4,000	1.255
				21/01/2016	1,062	1,333	1.255	3,186	4,000	1.255
		200			3,304	3,376	1.022	9,912	10,128	1.022
			790		3,304	3,376	1.022	9,912	10,128	1.022
				1/01/2016	1,534	1,587	1.022	4,602	4,702	1.022
				2/01/2016	1,770	1,809	1.022	5,310	5,426	1.022
		210			602,621	612,721	1.020	1,607,863	1,538,184	1.020
			001		24,957	25,459	1.020	74,871	76,378	1.020
				1/01/2016	236	241	1.020	708	722	1.020
				2/01/2016	3,186	3,250	1.020	9,558	9,750	1.020
				3/01/2016	590	602	1.020	1,770	1,808	1.020
				22/01/2016	2,596	2,648	1.020	7,788	7,945	1.020
				23/01/2016	2,891	2,949	1.020	8,673	8,847	1.020
				24/01/2016	11,033	11,255	1.020	33,099	33,784	1.020
				25/01/2016	4,425	4,514	1.020	13,275	13,542	1.020
			003		19,942	20,343	1.020	59,826	61,028	1.020
				2/01/2016	9,322	9,509	1.020	27,968	28,528	1.020
				3/01/2016	9,853	10,051	1.020	29,559	30,153	1.020
				22/01/2016	767	782	1.020	2,301	2,347	1.020
			004		11,269	11,495	1.020	33,807	34,486	1.020
				3/01/2016	4,779	4,875	1.020	14,337	14,625	1.020
				4/01/2016	6,018	6,139	1.020	18,054	18,417	1.020
				5/01/2016	472	481	1.020	1,416	1,444	1.020
			005		13,983	14,284	1.020	41,949	42,792	1.020
				3/01/2016	531	542	1.020	1,593	1,625	1.020
				4/01/2016	7,316	7,483	1.020	21,948	22,389	1.020
				5/01/2016	4,956	5,056	1.020	14,868	15,167	1.020
				8/01/2016	1,180	1,204	1.020	3,540	3,611	1.020
			007		15,517	15,829	1.020	46,551	47,486	1.020
				1/01/2016	5,428	5,537	1.020	16,284	16,611	1.020
				2/01/2016	1,711	1,745	1.020	5,133	5,236	1.020
				8/01/2016	1,593	1,625	1.020	4,779	4,875	1.020
				9/01/2016	767	782	1.020	2,301	2,347	1.020
				10/01/2016	826	843	1.020	2,478	2,528	1.020
				11/01/2016	5,074	5,176	1.020	15,222	15,528	1.020
				21/01/2016	118	120	1.020	354	361	1.020
			009		35,184	35,871	1.020	105,492	107,612	1.020
				1/01/2016	354	361	1.020	1,062	1,083	1.020
				7/01/2016	1,652	1,685	1.020	4,956	5,056	1.020
				8/01/2016	13,216	13,482	1.020	39,648	40,445	1.020
				9/01/2016	12,449	12,699	1.020	37,347	38,098	1.020
				10/01/2016	3,245	3,310	1.020	9,735	9,931	1.020

MPR007

Cycle Details

Detailed cycle records

Used for short timeframes

Multiple Filters available

SELECT PARAMETERS			Paging		Page		of 31																										
Date Range		Smart		Smart																													
Start Date	1/01/2016	End Date	1/01/2016	Mine Area	UNKNOWN																												
Operation	Demio Operation K2, Demio Oper...																																
Cycle Filter			All		All		All																										
Loader Owner		All		All		All																											
Hauler Owner		All		All		All																											
Loader Fleet		All		All		All																											
Hauler Fleet		All		All		All																											
Loader		All		All		All																											
Hauler		All		All		All																											
Order By		Date																															
Cycle Details																																	
Date	Shift	Time Start	Time Finish	Total Duration	Loading Unit	Loader Operator	Truck	Hauler Operator	Origin	Material	Material Description	Destination	Nominal Weight	Payload Weight	Reported Weight	Volume	Loads	Arrived	Time at Loader	Time at Destination	Loader	Spot Duration	Loading Duration	Travel Full Duration	Queue Duration	Spot Duration	Dumping Duration	Travel Empty Duration					
1/01/2016	D	01/01/2016 07:02	01/01/2016 07:23	1904	FL301	Brian Moppin	Tk-401	Gil Madison	MN3708210-02/L02	L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	177	177	194	194	166	55	1	07:02	07:09	07:13	07:22	07:23	07:23	416	23	205	551	3	31	35	640
1/01/2016	D	01/01/2016 08:03	01/01/2016 08:21	1598	SH201	Clair Macki	Tk-401	Gil Madison	MO2158005-03/L03	L03	L03 Lo Grade-H Sulphur	S-LG3A/380	177	177	194	194	174	58	1	08:03	08:03	08:06	08:20	08:20	08:21	22	1	147	946	3	29	30	511
1/01/2016	D	01/01/2016 08:32	01/01/2016 08:52	1856	SH201	Clair Macki	Tk-401	Gil Madison	MO2158005-03/L03	L03	L03 Lo Grade-H Sulphur	S-LG3A/380	177	177	194	194	174	58	1	08:32	08:34	08:37	08:51	08:51	08:52	87	21	158	824	6	27	47	683
1/01/2016	D	01/01/2016 08:57	01/01/2016 09:32	2405	FL301	Brian Moppin	Tk-401	Gil Madison	MN3708210-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	166	55	1	08:57	08:57	09:01	09:31	09:32	3	15	193	1,815	1	31	38	309	
1/01/2016	D	01/01/2016 09:53	01/01/2016 10:28	3355	FL301	Brian Moppin	Tk-401	Gil Madison	MN3708210-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	166	55	1	09:53	09:53	09:56	10:27	10:27	10:28	5	27	196	1,809	4	27	49	1,238
1/01/2016	D	01/01/2016 10:18	01/01/2016 11:35	4009	FL301	Brian Moppin	Tk-401	Gil Madison	MN3708210-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	166	55	1	10:18	11:00	11:03	11:33	11:34	11:35	677	26	109	1,826	7	39	46	1,199
1/01/2016	N	01/01/2016 23:23	01/01/2016 23:55	3258	SH202	Shaquana Mousel	Tk-401	Minh Mura	MO220801-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	178	59	1	23:23	23:23	23:26	23:54	23:54	23:55	21	5	173	1,677	3	29	38	1,292
1/01/2016	N	02/01/2016 00:16	02/01/2016 00:52	3385	SH202	Shaquana Mousel	Tk-401	Minh Mura	MO220801-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	178	59	1	00:16	00:20	00:22	00:50	00:51	00:52	206	21	160	1,687	15	35	43	1,215
1/01/2016	N	02/01/2016 00:59	02/01/2016 03:30	3402	SH202	Robin Nabro	Tk-401	Minh Mura	MO220801-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	178	59	1	02:59	02:59	03:02	03:29	03:29	03:30	1	27	161	1,627	6	30	48	1,502
1/01/2016	N	02/01/2016 03:49	02/01/2016 04:21	3022	SH202	Robin Nabro	Tk-401	Minh Mura	MO220801-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	178	59	1	03:49	03:49	03:52	04:19	04:20	04:21	49	1	183	1,610	3	29	48	1,099
1/01/2016	N	02/01/2016 04:40	02/01/2016 05:14	3186	SH202	Robin Nabro	Tk-401	Minh Mura	MO220801-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	178	59	1	04:40	04:40	04:43	05:12	05:12	05:14	3	19	161	1,711	1	43	82	1,166
1/01/2016	N	02/01/2016 05:30	02/01/2016 05:51	2208	SH201	All Mazze	Tk-401	Minh Mura	MO210901-02/M03	M03	M03 Medium Grade-H Sulphur	S-MG3A/380	177	177	194	194	181	60	1	05:30	05:31	05:34	05:59	05:59	05:51	66	2	168	995	6	26	48	997
1/01/2016	D	01/01/2016 16:53	01/01/2016 16:57	1871	FL301	Tawana Petchulis	Tk-401	Gil Madison	MN3708210-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	166	55	1	16:53	16:53	16:53	16:57	16:57	16:57	0	0	0	0	0	0	0	0
1/01/2016	D	01/01/2016 17:46	01/01/2016 17:57	1887	FL301	Tawana Petchulis	Tk-401	Gil Madison	MN3708210-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	166	55	1	17:46	17:51	17:52	17:57	17:57	17:57	297	1	22	306	0	0	0	1,261
1/01/2016	N	01/01/2016 18:00	01/01/2016 20:08	2376	FL301	Tawana Petchulis	Tk-401	Gil Madison	MN3708210-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	166	55	1	18:00	18:00	18:00	20:06	20:07	20:08	0	0	0	2,109	4	41	47	1,735
1/01/2016	N	01/01/2016 20:30	01/01/2016 21:11	3777	FL301	Babette Nezat	Tk-401	Minh Mura	MN3708210-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	166	55	1	20:30	20:35	20:37	21:09	21:10	21:11	225	51	136	1,940	3	45	36	1,311
1/01/2016	N	01/01/2016 21:30	01/01/2016 22:07	3359	SH202	Shaquana Mousel	Tk-401	Minh Mura	MO220801-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	178	59	1	21:30	21:34	21:37	22:05	22:06	22:07	219	23	138	1,714	1	35	41	1,198
1/01/2016	N	01/01/2016 22:29	01/01/2016 23:01	3273	SH202	Shaquana Mousel	Tk-401	Minh Mura	MO220801-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	178	59	1	22:29	22:29	22:32	22:59	23:00	23:01	24	0	173	1,644	5	64	60	1,320
1/01/2016	D	01/01/2016 11:50	01/01/2016 12:22	2834	FL302	Tawana Petchulis	Tk-401	Gil Madison	MO2218007-06/MW2	MW2	MW2PAG Mineralite Waste PAG	D-PAGA/210	177	177	194	194	181	60	1	11:50	11:53	11:55	12:21	12:21	12:22	108	20	149	1,574	0	0	38	945
1/01/2016	D	01/01/2016 12:40	01/01/2016 12:58	2183	SH202	Mary Mulin	Tk-401	Gil Madison	MO220801-02/L01	L01	L01 Lo Grade-H Sulphur	S-LG1B/330	177	177	194	194	178	59	1	12:40	12:40	12:43	12:57	12:58	12:58	19	1	169	839	36	0	27	1,092
1/01/2016	D	01/01/2016 13:29	01/01/2016 14:02	3151	SH202	Christa Orford	Tk-401	Gil Madison	MO220801-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	178	59	1	13:29	13:30	13:33	14:00	14:01	14:02	1	16	180	1,673	1	38	26	1,216
1/01/2016	D	01/01/2016 14:19	01/01/2016 14:42	2442	FL302	Veila Namoua	Tk-401	Gil Madison	MO218007-05/L02	L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	177	177	194	194	181	60	1	14:19	14:24	14:28	14:41	14:42	14:42	348	1	194	793	13	31	44	1,018
1/01/2016	D	01/01/2016 14:48	01/01/2016 15:27	2699	FL301	Tawana Petchulis	Tk-401	Gil Madison	MN3708210-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	166	55	1	14:48	14:48	14:51	15:26	15:27	1	38	173	2,062	4	30	35	326	
1/01/2016	D	01/01/2016 16:18	01/01/2016 17:25	3663	FL301	Tawana Petchulis	Tk-401	Gil Madison	MN3708210-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/210	177	177	194	194	166	55	1	16:18	16:53	17:01	17:24	17:25	17:25	68	237	473	1,108	13	33	32	1,399
1/01/2016	D	01/01/2016 07:08	01/01/2016 07:32	2032	SH201	Clair Macki	Tk-402	Levina Pollo	MO2158005-03/L03	L03	L03 Lo Grade-H Sulphur	S-LG3A/380	177	177	194	194	174	58	1	07:08	07:12	07:16	07:31	07:31	07:32	255	22	213	908	0	26	18	590
1/01/2016	D	01/01/2016 08:11	01/01/2016 08:53	3076	FL301	Brian Moppin	Tk-402	Levina Pollo	MN3708210-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/200	177	177	194	194	166	55	1	08:11	08:18	08:20	08:53	08:53	08:53	374	29	194	1,968	0	0	23	528
1/01/2016	D	01/01/2016 09:10	01/01/2016 09:24	1855	FL302	Tawana Petchulis	Tk-402	Levina Pollo	MO218007-02/M02	M02	M02 Medium Grade-Medium Sulphur	S-MG2B/250	177	177	194	194	181	60	1	09:10	09:10	09:13	09:23	09:24	09:24	4	16	182	930	7	46	20	970
1/01/2016	D	01/01/2016 09:31	01/01/2016 09:52	1649	SH201	Clair Macki	Tk-402	Levina Pollo	MO2158005-03/L03	L03	L03 Lo Grade-H Sulphur	S-LG3A/380	177	177	194	194	174	58	1	09:31	09:34	09:36	09:51	09:51	09:52	159	19	148	863	2	29	15	414
1/01/2016	D	01/01/2016 10:02	01/01/2016 10:20	1682	SH201	Clair Macki	Tk-402	Levina Pollo	MO2158005-03/L03	L03	L03 Lo Grade-H Sulphur	S-LG3A/380	177	177	194	194	174	58	1	10:02	10:02	10:04	10:19	10:19	10:20	3	15	139	865	3	31	15	611
1/01/2016	D	01/01/2016 15:50	01/01/2016 16:26	2973	SH202	Christa Orford	Tk-402	Faustina Pac	MO220801-01/PAG	WastePAG	WastePAG WastePAG	D-PAGA/190	177	177	194	194	178	59	1	15:50	15:55	15:58	16:25	16:25	16:26	282	0	199	1,997	1	31	56	807
1/01/2016	D	01/01/2016 16:51	01/01/2016 17:15	2956	FL302	Veila Namoua	Tk-402	Faustina Pac	MO2158005-04/M02	M02	M02 Medium Grade-Medium Sulphur	S-MG2B/250	177	177																			

MPR020

Cycle Detail Summary

Summary Data from Haul Cycles

SELECT PARAMETERS << Paging Page 2 of 21 >>

Date Range
 1/01/2016 Smart d
 to
 1/01/2016 Smart d

Operation
 All...

Run automatically next time

Bookmark: New bookmark

New Open Save Save As Schedule QR

[Run Report](#)

Date	Shift	Loading Unit	Truck	Origin	Material	Destination	Weight		Loads	Loader			Travel Full Duration	Destination			Travel Empty Duration
							Dry	Wet		Queue Duration	Spot Duration	Loading Duration		Queue Duration	Spot Duration	Dumping Duration	
							Tonnes	Tonnes	Total	Seconds	Seconds	Seconds	Seconds	Seconds	Seconds	Seconds	Seconds
1/01/2016	D	FL301	TK419	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/190	166	166	1	419	23	180	1,805			10	1,150
1/01/2016	D	FL301	TK419	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	333	333	2	135	35	149	1,840	23	10	11	715
1/01/2016	D	FL301	TK420	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	333	333	2	259	19	117	971	2	12	41	102
1/01/2016	D	FL301	TK421	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/190	166	166	1	1,006		119	1,781	1	23	44	317
1/01/2016	D	FL301	TK421	MN370B210-02/L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	166	166	1	501	24	166	683	3	20	49	276
1/01/2016	D	FL301	TK422	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/190	166	166	1	167	42	152	1,818		30	20	501
1/01/2016	D	FL301	TK422	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	499	499	3	106	28	205	1,901	33	12	19	1,305
1/01/2016	D	FL301	TK422	MN370B210-02/L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	166	166	1	723	1	139	535	5	28	36	1,618
1/01/2016	D	FL301	TK424	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/190	166	166	1	487	62	120	1,791	1	54	31	207
1/01/2016	D	FL301	TK424	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	333	333	2	314	79	160	1,988	17	14	41	378
1/01/2016	D	FL301	TK424	MN370B210-02/L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	166	166	1	55	57	156	470	5	22	27	473
1/01/2016	D	FL301	TK425	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	499	499	3	444	23	148	1,833	10	41	72	1,204
1/01/2016	D	FL301	TK426	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/190	166	166	1	871	72	174	1,790	1	72	27	337
1/01/2016	D	FL301	TK426	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	166	166	1	2	22	171	1,926	4	27	29	1,314
1/01/2016	D	FL301	TK426	MN370B210-02/L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	166	166	1	4	50	160	553	5	20	28	336
1/01/2016	D	FL301	TK427	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	666	666	4	128	28	163	1,816	35	26	73	981
1/01/2016	D	FL301	TK427	MN370B210-02/L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	166	166	1	98	68	137	522	7	30	38	246
1/01/2016	D	FL301	TK428	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/190	166	166	1	30	63	164	1,892	11		30	247
1/01/2016	D	FL301	TK428	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/200	166	166	1	180		159	2,013			44	418
1/01/2016	D	FL301	TK428	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	166	166	1	48	1	205	2,083	3	24	30	544
1/01/2016	D	FL301	TK430	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/190	166	166	1	109	52	211	1,821			40	1,220
1/01/2016	D	FL301	TK430	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	333	333	2	163	16	217	1,925	4	43	37	807
1/01/2016	D	FL301	TK431	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	166	166	1	4	64	152	2,013		23	30	1,152
1/01/2016	D	FL301	TK432	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	666	666	4	105	44	197	1,842	4	27	30	981
1/01/2016	D	FL301	TK433	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	166	166	1	270	31	291	1,828	3	26	24	255
1/01/2016	D	FL301	TK433	MN370B210-02/L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	166	166	1	560	24	193	503	4	26	23	252
1/01/2016	D	FL301	TK434	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	666	666	4	62	8	163	1,849	5	24	44	905
1/01/2016	D	FL302	TK401	MO210B007-05/L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	181	181	1	348	1	194	793	13	31	44	1,018
1/01/2016	D	FL302	TK401	MO210B007-06/MW2	MnWstPAG Mineralize Waste PAG	D-PAGA/210	181	181	1	108	20	149	1,574			38	945
1/01/2016	D	FL302	TK402	MO210B007-	M02 Medium	S-MG2B/260	181	181	1	4	16	182	590	7	46	20	970



MPR008

Truck Production

Production Summary by truck
Time tonnage and speed stats
Some grouping options

SELECT PARAMETERS

Start Date: 1/01/2016
TO: 1/01/2016
Operation: All...
Shift: All...
Show Zero Loads:
Group By Level 1: Fleet
Group By Level 2: Unit
Group By Level 3: Unit
Expand All: Yes
Weight Type: Dry

Bookmark: New bookmark
New Open Save Save As Schedule
Run Report

Truck Production

Start Date: 1/01/2016 End Date: 1/01/2016 Operation: Demo Operator K2, Demo Operat...

Truck Production

Show/Hide Metrics

Fleet	Unit	Unit	Loads	Weight	Volume	Loads in the		Show/Hide Average Times			Avg. at Loader (min)			Avg. at Dump (min)			Speed	Avg. Fuel Distance	Avg. Eff. Kilometers
						1st 40 min	Last 20 min	First Bucket	Last Bucket	Queue	Spot	Loading	Queue	Spot	Dump				
			Count	Tonnes	Bank Cubic Metres	Count	Count	Time	Time	Minutes	Minutes	Minutes	Minutes	Minutes	Minutes	Minutes	Kilometers/Hours	Kilometers	Kilometers
EJ CAT799C	ETK401	TK401	24	4.152	1,384	1	1	07:15	05:34	2.0	0.4	2.7	22.0	0.1	0.5	0.7	10.1	45.3	
			24	4.162	1,384	1	1	07:15	05:34	2.0	0.4	2.7	22.0	0.1	0.5	0.7	10.1	45.3	
	ETK402	TK402	24	2.238	842		1	07:16	05:53	1.8	0.1	1.4	9.7	0.0	0.2	0.3	5.9	19.8	
			124	5.502	2,594	2		07:12	05:03	0.6	0.1	0.5	4.2	0.1	0.1	0.1	3.0	8.8	
	ETK404	TK404	35	8.125	2,042	1	1	07:35	06:10	2.7	0.4	3.0	16.3	0.1	0.4	0.7	11.4	35.0	
			35	8.125	2,042	1	1	07:35	06:10	2.7	0.4	3.0	16.3	0.1	0.4	0.7	11.4	35.0	
	ETK405	TK405	27	4.715	1,572			07:19	05:31	2.3	0.4	2.6	20.4	0.1	0.5	0.6	13.1	40.1	
			27	4.715	1,572			07:19	05:31	2.3	0.4	2.6	20.4	0.1	0.5	0.6	13.1	40.1	
	ETK406	TK406	75	3.078	1,774			08:01	04:37	0.4	0.1	0.7	6.7	0.0	0.1	0.1	3.8	11.0	
			49	4.784	1,779	1		07:21	03:39	1.4	0.3	1.3	10.4	0.1	0.3	0.3	5.4	20.4	
	ETK407	TK407	49	4.784	1,779			07:21	03:39	1.4	0.3	1.3	10.4	0.1	0.3	0.3	5.4	20.4	
			107	0.001	2,024	2	2	07:15	04:00	0.7	0.1	0.7	4.3	0.1	0.1	0.2	3.2	6.4	
	ETK408	TK408	107	6.001	2,624	2	2	07:15	04:58	0.7	0.1	0.7	4.3	0.1	0.1	0.2	3.2	6.4	
			32	5.595	1,855	1	1	07:15	06:15	2.9	0.3	2.8	17.5	0.3	0.3	0.6	11.5	38.0	
	ETK410	TK410	32	5.595	1,855	1	1	07:15	06:15	2.9	0.3	2.8	17.5	0.3	0.3	0.6	11.5	38.0	
			27	4.598	1,588	1	1	07:48	05:25	3.1	0.3	2.5	17.7	0.2	0.3	0.5	12.5	37.1	
	ETK411	TK411	27	4.598	1,588	1	1	07:48	05:25	3.1	0.3	2.5	17.7	0.2	0.3	0.5	12.5	37.1	
27			4.728	1,570	1		07:23	05:20	2.3	0.5	2.0	20.2	0.2	0.4	0.7	14.5	41.5		
ETK412	TK412	27	4.728	1,570	1		07:23	05:29	2.3	0.5	2.9	20.2	0.2	0.4	0.7	14.5	41.5		
		38	8.893	2,231	1		07:18	05:31	3.0	0.4	2.5	11.7	0.2	0.4	0.7	9.8	28.7		
ETK413	TK413	38	8.893	2,231	1		07:18	05:31	3.0	0.4	2.5	11.7	0.2	0.4	0.7	9.8	28.7		
		30	5.217	1,739	2		07:08	04:59	4.2	0.4	2.9	18.0	0.2	0.5	0.6	11.7	37.1		
ETK414	TK414	30	5.217	1,739	2		07:08	04:59	4.2	0.4	2.9	18.0	0.2	0.5	0.6	11.7	37.1		
		30	5.259	1,753	2	1	07:11	05:01	2.1	0.4	2.7	19.7	0.3	0.5	0.6	13.0	40.3		
ETK415	TK415	30	5.259	1,753	2	1	07:11	05:01	2.1	0.4	2.7	19.7	0.3	0.5	0.6	13.0	40.3		
		28	4.838	1,813	2	1	07:26	05:10	2.0	0.4	2.9	19.9	0.3	0.5	0.5	14.6	41.1		
ETK416	TK416	28	4.838	1,813	2	1	07:26	05:10	2.0	0.4	2.9	19.9	0.3	0.5	0.5	14.6	41.1		
		5	1.391	494	1		04:00	04:20	4.0	0.4	3.5	20.5	0.1	0.7	0.6	17.2	47.0		
EJ CAT799D	ETK417	TK417	8	1.391	494	1		04:00	04:20	4.0	0.4	3.5	20.5	0.1	0.7	0.6	17.2	47.0	
			425	74,294	24,765	13	10	08:58	08:21	2.8	0.5	2.8	17.7	0.3	0.4	0.6	12.3	37.1	
ETK418	TK418	28	4.808	1,823	3	1	07:11	04:15	1.8	0.8	2.5	21.0	0.3	0.5	0.6	13.8	42.0		
		28	4.808	1,823	3	1	07:11	04:15	1.8	0.8	2.5	21.0	0.3	0.5	0.6	13.8	42.0		
ETK419	TK419	38	8.334	2,111	1		08:59	05:17	3.1	0.5	3.2	14.2	0.2	0.2	0.5	8.9	30.7		
		30	8.334	2,111	1		08:59	05:17	3.1	0.5	3.2	14.2	0.2	0.2	0.5	8.9	30.7		
ETK420	TK420	19	3.280	1,120	2		07:07	05:38	1.9	0.3	2.7	19.3	0.3	0.3	0.7	15.9	41.4		
		19	3.289	1,120	2		07:07	05:38	1.9	0.3	2.7	19.3	0.3	0.3	0.7	15.9	41.4		
ETK421	TK421	31	5.470	1,825		1	07:28	04:04	3.2	0.4	2.9	16.1	0.4	0.4	0.8	12.5	36.5		
		31	5.470	1,825		1	07:28	04:04	3.2	0.4	2.9	16.1	0.4	0.4	0.8	12.5	36.5		
ETK422	TK422	29	4.904	1,501		2	07:17	05:12	2.2	0.4	2.8	21.8	0.3	0.5	0.5	15.0	43.3		
		29	4.904	1,501		2	07:17	05:12	2.2	0.4	2.8	21.8	0.3	0.5	0.5	15.0	43.3		
ETK424	TK424	30	8.323	2,108	1		07:03	04:24	3.1	0.5	2.9	14.4	0.4	0.2	0.3	5.4	31.3		
		35	6.323	2,108	1		07:03	04:24	3.1	0.5	2.9	14.4	0.4	0.2	0.3	5.4	31.3		
ETK425	TK425	31	5.408	1,802	1	2	07:00	06:21	3.7	0.5	2.8	16.6	0.1	0.4	0.6	12.9	37.7		
		31	5.400	1,802	1	2	07:00	06:21	3.7	0.5	2.8	16.6	0.1	0.4	0.6	12.9	37.7		
ETK426	TK426	28	4.533	1,811	1		08:58	04:30	3.4	0.7	3.0	16.9	0.2	0.4	0.9	11.4	37.0		
		28	4.533	1,811	1		08:58	04:30	3.4	0.7	3.0	16.9	0.2	0.4	0.9	11.4	37.0		
ETK427	TK427	35	6.117	2,039			07:32	04:30	2.5	0.4	2.8	14.5	0.3	0.4	0.7	10.4	32.0		
		35	6.117	2,039			07:32	04:30	2.5	0.4	2.8	14.5	0.3	0.4	0.7	10.4	32.0		
ETK428	TK428	28	4.882	1,827			07:38	04:48	2.8	0.4	2.7	18.7	0.2	0.5	0.6	12.3	37.9		
		28	4.882	1,827			07:38	04:48	2.8	0.4	2.7	18.7	0.2	0.5	0.6	12.3	37.9		

MGE002

Movement Grade Summary

Dynamic tonnage reporting

Multiple choices for level hierarchy

Drill in ability

Multiple Data filters

SELECT PARAMETERS

1/01/2015 Smart c

to 1/01/2015 Smart c

Operation Demo Operation K2,Demo

Hauler Owner All...

Loader Owner All...

Group By Pit

2nd Level Group By Bench

3rd Level Group By Loader

4th Level Group By Hauler

5th Level Group By Material

6th Level Group By No Grouping

Source Type All...

Destination Type All...

Movement Type All

Expand All

Run automatically next time

Movement Grade Summary [6 Grouping Levels]

Start Date	End Date	Weight Type	Operation	Source Type	Destination Type	Data Source
1/01/2015	1/01/2015	Dry	Demo Operation K2, Demo Operat...	Blend finger stockpiles, Blast...	Blend finger stockpiles, Blast...	Aquila Drag-line Monitor syste...

Pit	Bench	Loader	Hauler	Material	Loads	Volume bcm	Weight t	Au g/Tm	Ag %	Cu PPM	Hg %	S %	Zn PPM
Sub Total					45	4,500	4,500	NaN	NaN	NaN	NaN	NaN	NaN
Fimiston Main					113	11,300	11,300						
-30					235	20,272	57,813	1.20					
0109					13	1,831	4,782						
0113					8	783	2,152						
0200					9	947	2,391						
0201					13	1,217	3,108						
0202					3	281	717						
0204					5	455	1,195						
0205					12	1,112	2,889						
0206					6	683	1,674						
0207					12	1,119	2,889						
0208					11	972	2,630						
0209					1	98	239						
0210					2	165	478						
0211					4	423	958						
WSBF					5	467	1,195						
WSTS					5	441	1,195						
SGSS					11	1,018	2,630						
0212					7	624	1,674						
0213					9	788	2,152						
0214					10	900	2,391						
0215					11	998	2,630						
0216					8	728	1,913						
0217					4	334	958						
0218					7	657	1,674						
0219					11	1,039	2,630						
0220					4	357	958						
0221					2	211	478						
0222					12	1,138	2,889						
0223					3	307	717						
0224					3	281	717						
0225					11	1,008	2,630						
0226					5	485	1,195						
0227					8	816	2,152						
0228					8	727	1,913						
0229					282	24,322	70,291						
0230					58	4,855	13,888						
0231					79	7,900	7,900						
0232													
0233													
0114													
0151													
-50													
Sub Total					1,010	91,977	221,700	1.20	NaN	NaN	NaN	NaN	NaN
Mop Pit					423	79,554	238,663	0.80	10.52	298.12	NaN	3.20	2,943.18
Mound of Notre					9	572	1,717	0.90	6.23	109.74	NaN	2.78	560.00
Not From Pit					923	37,320	101,465	5.46	43.29	1,061.67	NaN	9.05	12,048.53
Quality Pit					254	4,895	14,684	0.00	0.00	0.00	NaN	0.00	0.00
Grand Total					2,664	218,818	582,729	1.38	14.40	385.29	NaN	3.82	4,012.44

MGE002 Generated on Wednesday, 24 March 2021 8:58:22 AM Page 1 of 1

MGE004

Grade Report

Grade report by cycle

Drill in ability

Multiple Data filters

Date Range		Grade Report									
1/01/2016	Smart c	Start Date	End Date	Operation	Shift	Source	Destination	Loader Fleet	Hauler Fleet	Loader	Hauler
1/01/2016	Smart c	1/01/2016	1/01/2016	Demo Operation K2, Demo Operat...	Day, Night	B-HG1B/290-005, B-HG2A/290-032...	B-HG1B/290-004/H02, B-HG2A/290...	CAT349D, CAT994F, H36006E, HI...	CAT789C, CAT789D	EX792, FL301, FL302, FL303, SH...	TK401, TK402, TK403, TK404, TK...
Cycle Grade											
Date	Shift	Loader	Hauler	Origin	Material	Destination	Ag %	Au g/Tm	Cu PPM	S %	Zn PPM
1/01/2016	D	EX792	TK406	B-HG1B/290-005	LQ2 Waste Limestone	B-HG1B/290-004/H02					
			TK407	B-HG1B/290-005	LQ2 Waste Limestone	B-HG1B/290-004/H02					
			TK408	B-HG1B/290-005	LQ2 Waste Limestone	B-HG1B/290-004/H02					
		FL301	TK401	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	11.202	1.447	1,342.226	4.689	3,610.000
				MN370B210-02/L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	18.844	2.697	2,130.128	5.330	2,440.000
			TK402	B-HG2A/290-032/H02	H02 High Grade - Hi Sulphur	CHC-PRIMARIA	34.852	6.088	1,125.664	9.081	4,245.424
				MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/200	11.202	1.447	1,342.226	4.689	3,610.000
			TK403	B-HG2A/290-032/H02	H02 High Grade - Hi Sulphur	CHC-PRIMARIA	34.852	6.088	1,125.664	9.081	4,245.424
				MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/190	11.202	1.447	1,342.226	4.689	3,610.000
			TK404	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	11.202	1.447	1,342.226	4.689	3,610.000
			TK405	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/190	11.202	1.447	1,342.226	4.689	3,610.000
				MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	11.202	1.447	1,342.226	4.689	3,610.000
			TK406	B-HG2A/290-032/H02	H02 High Grade - Hi Sulphur	CHC-PRIMARIA	34.852	6.088	1,125.664	9.081	4,245.424
				MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/200	11.202	1.447	1,342.226	4.689	3,610.000
			TK407	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	11.202	1.447	1,342.226	4.689	3,610.000
				MN370B210-02/L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	18.844	2.697	2,130.128	5.330	2,440.000
			TK408	B-HG2A/290-032/H02	H02 High Grade - Hi Sulphur	CHC-PRIMARIA	34.852	6.088	1,125.664	9.081	4,245.424
				MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	11.202	1.447	1,342.226	4.689	3,610.000
			TK410	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/190	11.202	1.447	1,342.226	4.689	3,610.000
				MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	11.202	1.447	1,342.226	4.689	3,610.000
			TK411	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/190	11.202	1.447	1,342.226	4.689	3,610.000
				MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	11.202	1.447	1,342.226	4.689	3,610.000
			TK412	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	11.202	1.447	1,342.226	4.689	3,610.000
				MN370B210-02/L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	18.844	2.697	2,130.128	5.330	2,440.000
			TK413	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	11.202	1.447	1,342.226	4.689	3,610.000
			TK414	MN370B210-01/PAG	WastePAG WastePAG	D-PAGA/210	11.202	1.447	1,342.226	4.689	3,610.000
				MN370B210-02/L02	L02 Lo Grade-Medium Sulphur	S-LG2A/390	18.844	2.697	2,130.128	5.330	2,440.000

Standard Reports

Time

MTR001 – Equipment Performance Report – reports durations by category by filters

MTR002 – Equipment Delay Overview – report of delays by filtered selections

MTR004 – Activity Calendar – shows fleet usage by locations

MTR010 – Equipment Time Statistics – reports selected statistics and metrics by filters

MTR011 – Fleet Timeline report

MPR027 – Event Details

MTR001

Equipment Performance

Time report

Multiple Time Model support

Drill in

Multiple Filters

SELECT PARAMETERS

Start Date: 1/01/2016 Smart c

to: 1/01/2016 Smart c

Operation: Demo Operation P1

Time Model: BTM - Example Time Model (I)

Shift: All...

Owner: All...

Fleet Type: All...

Expand All: No

Fleet: All...

Unit: All...

Equipment Performance

Operation: Demo Operation Start Date: 1/01/2016 End Date: 1/01/2016 Shift: Day, Night

				<input type="checkbox"/> CT - Calendar Time <input type="checkbox"/> UP - Uptime <input type="checkbox"/> ST - Staffed <input checked="" type="checkbox"/> OH - Operating Hours <input type="checkbox"/> CH - Operating Hours <input type="checkbox"/> VP - Value Productive												<input type="checkbox"/> PL - Production Loss	<input type="checkbox"/> OH - Operating Hours	<input type="checkbox"/> OD - Operating Delay	<input type="checkbox"/> OS - Operating Standby	<input type="checkbox"/> MD - Maintenance Down	Total
Operation	Fleet Type	Fleet	Unit	Dump	Green light	Loading	Loading Truck	Production	Spot at dump	Spot at loader	Travel Empty	Travel Full	PL - Production Loss	OH - Operating Hours	OD - Operating Delay	OS - Operating Standby	MD - Maintenance Down	Total			
Demo Operation P1	<input type="checkbox"/> Excavators and diggers	Total		0.0	2.0	0.0	0.0	36.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	62.6	42.2 (7)	144.0		
	<input type="checkbox"/> Shovels	Total		0.0	0.0	0.0	11.7	0.0	0.0	1.9	0.0	0.0	13.0	0.4	1.2	1.6	16.2 (4)	48.0			
	<input type="checkbox"/> Loaders	Total		0.0	0.0	0.0	27.3	0.0	0.0	3.9	0.0	0.0	23.9	1.0	3.3	3.2	9.3 (4)	72.0			
	<input type="checkbox"/> Haul trucks	<input type="checkbox"/> CAT789C	TK401	0.3	0.0	1.1	0.0	0.0	0.2	0.2	6.8	9.2	0.8	0.3	2.8	2.1	0.4 (1)	24.0			
			TK402	0.1	0.0	0.6	0.0	0.0	0.1	0.1	2.5	3.9	0.7	0.1	1.9	4.0	10.0 (2)	24.0			
			TK403	0.8	0.0	1.1	0.0	0.0	0.2	0.2	6.0	9.2	1.7	0.1	2.7	2.0	0.0	24.0			
			TK404	0.4	0.0	1.8	0.0	0.0	0.2	0.2	6.7	9.6	1.7	0.4	1.8	1.3	0.0	24.0			
			TK405	1.6	0.0	1.2	0.0	0.0	0.2	0.2	6.0	9.2	1.1	0.1	2.4	2.0	0.0	24.0			
			TK406	0.4	0.0	0.9	0.0	0.0	0.1	0.1	5.0	7.9	0.6	0.7	1.4	2.5	4.4 (1)	24.0			
			TK407	0.3	0.0	1.1	0.0	0.0	0.2	0.2	5.4	10.6	1.2	0.4	1.5	2.0	1.1 (1)	24.0			
			TK408	0.5	0.0	1.3	0.0	0.0	0.2	0.2	6.0	7.9	1.4	0.0	2.6	1.4	2.3 (2)	24.0			
			TK409	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0 (3)	24.0			
			TK410	0.9	0.0	1.5	0.0	0.0	0.2	0.2	6.0	9.3	1.6	0.1	2.5	1.7	0.0	24.0			
			TK411	0.4	0.0	1.2	0.0	0.0	0.1	0.2	5.6	8.3	1.6	0.1	3.0	1.1	2.5 (1)	24.0			
			TK412	0.3	0.0	1.2	0.0	0.0	0.2	0.2	6.8	9.1	1.1	0.1	2.5	2.6	0.0	24.0			
			TK413	0.7	0.0	1.6	0.0	0.0	0.2	0.3	6.2	7.6	2.0	0.1	3.8	1.4	0.0	24.0			
			TK414	0.3	0.0	1.5	0.0	0.0	0.2	0.2	6.1	8.5	2.2	0.1	2.2	2.2	0.4 (1)	24.0			
			TK415	0.4	0.0	1.4	0.0	0.0	0.3	0.2	7.1	10.1	1.2	0.2	2.1	1.0	0.0	24.0			
			TK416	0.2	0.0	1.3	0.0	0.0	0.2	0.2	6.8	9.2	1.3	0.4	3.7	1.1	0.0	24.0			
			TK417	0.1	0.0	0.5	0.0	0.0	0.1	0.1	2.3	2.7	0.6	0.1	2.0	1.8	13.8 (3)	24.0			
			Total	7.6	0.0	19.4	0.0	0.0	3.0	2.9	90.8	132.2	20.8	3.2	39.0	30.3	58.8 (15)	408.0			
	<input type="checkbox"/> CAT789D	Total		7.5	0.0	20.5	0.0	0.0	3.2	3.3	88.9	128.9	20.4	3.1	39.1	25.4	67.7 (12)	408.0			
	Total			15.1	0.0	39.9	0.0	0.0	6.2	6.1	179.7	261.2	41.2	6.3	78.0	55.7	126.5 (27)	816.0			
	<input type="checkbox"/> Contractor Haul Trucks	Total		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	24.0		
	<input type="checkbox"/> Water trucks	Total		0.0	0.0	0.0	0.0	43.8	0.0	0.0	0.0	0.0	0.0	0.0	9.2	125.3	37.7 (5)	216.0			
	<input type="checkbox"/> Drills	Total		0.0	0.0	0.0	0.0	68.2	0.0	0.0	0.0	0.0	0.0	0.0	3.2	15.0	5.0	26.6 (8)	120.0		
	<input type="checkbox"/> Graders	Total		0.0	0.0	0.0	0.0	17.2	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.6	73.7 (12)	96.0			
	<input type="checkbox"/> Tracked dozers	Total		0.0	0.0	0.0	0.0	103.2	0.0	0.0	0.0	0.0	0.0	1.1	18.2	13.9	31.6 (8)	168.0			
	<input type="checkbox"/> Rubber tyred dozers	Total		0.0	0.0	0.0	0.0	46.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9	13.6	11.4	21.6 (4)	96.0		
	Total			15.1	2.0	39.9	39.0	317.3	6.2	11.9	179.7	261.2	78.1	13.0	140.8	306.3	389.4 (79)	1,800.0			

MTR001
Generated on Wednesday, 24 March 2021 9:03:55 AM
Page 1 of 1



MTR002

Equipment Delay Overview

Time report for a time category

Multiple Time Model support

Summary and detail by count and hours

Multiple Filters and options for grouping

SELECT PARAMETERS

Date Range
 1/01/2016 Smart d
 to
 1/01/2016 Smart d

Operation
 All...

Time Model
 BTM - Example Time Model (L)

Time Component
 Maintenance Down

Fleet
 All...

Group By
 Date, Shift, Fleet, Unit

Expand All
 Yes

Run automatically next time

Bookmark: New bookmark

New Open Save Save As Print

Equipment Delay Overview

Start Date: 1/01/2016 End Date: 1/01/2016 Operation: Demo Operation K2, D

Activity Time Break Down

Activity Counts Break Down

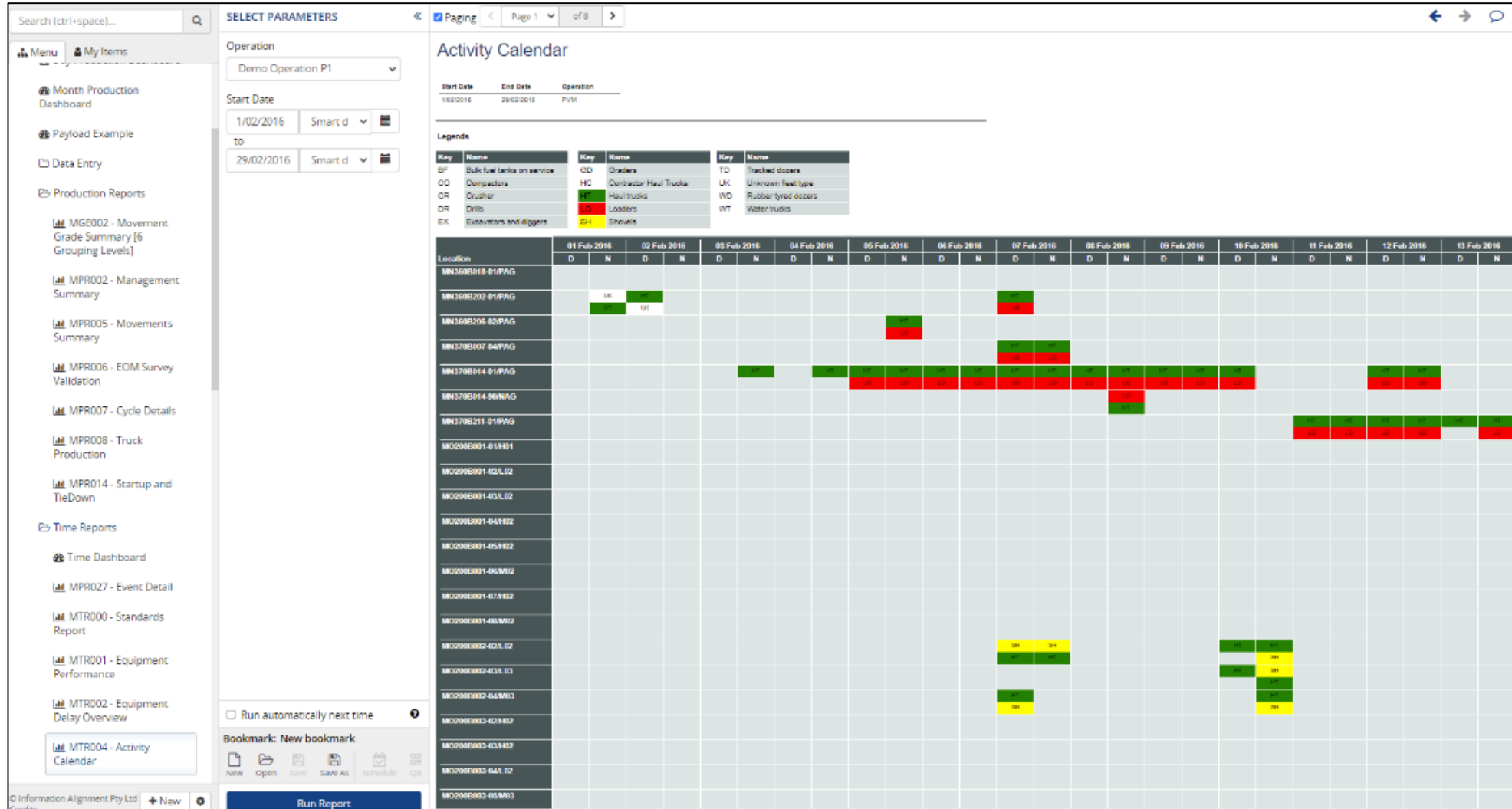
Date	Shift	Fleet	Unit	1005: Controls		1015: Engine		1020: Exhaust		1025: Fuel		1035	
				Duration (hrs)	Count	Duration (hrs)	Count	Duration (hrs)	Count	Duration (hrs)	Count	Duration (hrs)	
1/01/2016	1-D	CAT336DL	EX705										
			EX707										
			CAT349D										
			HI36006E										
			CAT994F										
			CAT789C	TK401									
				TK402									
				TK408			4.4	1					
				TK409									
				TK411									
				TK417									
			CAT789D	TK423									
TK428													
TK429													

MTR004

Activity Calendar

Calendar versus location summary of equipment type locations

More Commonly used in underground



MTR010

Equipment Time Statistics

Summary of many metrics for reporting by equipment

Many choices of columns to report

Some filter options

SELECT PARAMETERS

Operation: Demo Operation P1

Start Date: 1/01/2016 to 1/01/2016

Shift: All...

Owner: All...

Fleet Type: SH - Shovels, LO - Loaders, H

Fleet: All...

Unit: All...

Time Model: BTM - Example Time Model (C)

No Time Metrics:

Time Metrics: Availability, Hang Time %, MT

No Time Component:

Time component: All...

No Standard Activity: Run automatically next time

Bookmark: New bookmark

Equipment Time Key Statistics

Operation	Start Date	End Date	Shift	Fleet Type
Demo Operation	1/1/2016	1/1/2016	Day, Night	SH - Shovels, LO - Loaders, HT...

Fleet Type / Fleet / Unit	Time Component												Time Metrics						
	Maintenance Down	Operating Delay	Operating Hours	Operating Standby	Production Loss	Ready Time	Scheduled Event	Staffed	Unscheduled Event	Uptime	Utility Work	Value Productive	Availability %	Hang Time %	MTBF	Productive Efficiency %	Productive Utilization %	Utilization %	
SH - Shovels	18.2	1.2	27.0	1.6	13.0	26.5		28.2	18.2	29.8	0.4	13.5	62.0 %	44.1 %	9.9	51.1 %	45.5 %	56.2 %	
HI36006E - HI3600	17.9	0.1	5.2	0.8	2.6	4.8		5.3	17.9	8.1	0.4	2.2	25.3 %	38.4 %	3.0	45.3 %	35.4 %	21.5 %	
SH201 - SH201	17.9	0.1	5.2	0.8	2.6	4.8		5.3	17.9	8.1	0.4	2.2	25.3 %	38.4 %	3.0	45.3 %	35.4 %	21.5 %	
HI36006S - HI36006S	0.3	1.1	21.8	0.8	10.4	21.8		22.9	0.3	23.7		11.4	98.7 %	45.3 %	23.7	52.3 %	48.1 %	90.8 %	
SH202 - SH202	0.3	1.1	21.8	0.8	10.4	21.8		22.9	0.3	23.7		11.4	98.7 %	45.3 %	23.7	52.3 %	48.1 %	90.8 %	
LO - Loaders	9.3	3.3	56.2	3.2	23.9	55.2	3.2	59.5	6.1	62.7	1.0	31.2	87.1 %	49.5 %	20.9	56.6 %	49.8 %	78.0 %	
CAT994F - CAT994F	9.3	3.3	56.2	3.2	23.9	55.2	3.2	59.5	6.1	62.7	1.0	31.2	87.1 %	49.5 %	20.9	56.6 %	49.8 %	78.0 %	
FL301 - FL301	0.2	1.7	20.6	1.5	9.4	20.4		22.3	0.2	23.8	0.2	11.0	99.2 %	46.4 %	23.8	54.0 %	46.2 %	85.7 %	
FL302 - FL302	0.5	1.1	21.5	0.9	9.6	21.3		22.6	0.5	23.5	0.2	11.7	97.7 %	48.7 %	23.5	54.8 %	49.8 %	89.4 %	
FL303 - FL303	8.6	0.5	14.2	0.8	4.9	13.5	3.2	14.7	5.4	15.4	0.7	8.5	64.2 %	55.5 %	15.4	63.4 %	55.5 %	59.0 %	
HT - Haul Trucks	126.5	78.0	555.8	55.7	41.2	549.5	50.7	633.8	75.8	689.5	6.3	508.2	84.5 %	0.0 %	38.3	92.5 %	73.7 %	68.1 %	
CAT789C - CAT789C	58.8	39.0	279.9	30.3	20.8	278.8	24.0	318.9	34.8	349.2	3.2	255.9	85.6 %	0.0 %	31.7	92.5 %	73.3 %	68.8 %	
TK401 - TK401	0.4	2.8	18.8	2.1	0.8	18.4		21.6	0.4	23.6	0.3	17.6	96.5 %	0.0 %	23.6	95.5 %	74.5 %	78.2 %	
TK402 - TK402	10.0	1.9	8.1	4.0	0.7	8.0		10.0	10.0	14.0	0.1	7.3	58.2 %	0.0 %	7.0	91.0 %	52.3 %	33.8 %	
TK403 - TK403		2.7	19.3	2.0	1.7	19.2		22.0		24.0	0.1	17.6	100.0 %	0.0 %		91.3 %	73.1 %	80.4 %	
TK404 - TK404		1.8	20.9	1.3	1.7	20.5		22.7		24.0	0.4	18.9	100.0 %	0.0 %		91.8 %	78.6 %	87.1 %	
TK405 - TK405		2.4	19.6	2.0	1.1	19.5		22.0		24.0	0.1	18.4	100.0 %	0.0 %		94.3 %	78.5 %	81.6 %	
TK406 - TK406		4.4	1.4	15.7	2.5	0.6	14.9		17.1	4.4	0.7	14.4	81.7 %	0.0 %	19.6	96.2 %	73.3 %	65.3 %	
TK407 - TK407		1.1	1.5	19.4	2.0	1.2	19.0		20.9	1.1	22.9	0.4	17.8	95.5 %	0.0 %	22.9	93.7 %	77.8 %	80.8 %
TK408 - TK408		2.3	2.6	17.6	1.4	1.4	17.6		20.3	2.3	21.7		16.2	90.5 %	0.0 %	10.9	91.9 %	74.5 %	73.5 %
TK409 - TK409		24.0					24.0						0.0 %					0.0 %	
TK410 - TK410		2.5	19.8	1.7	1.6	19.7		22.3		24.0	0.1	18.1	100.0 %	0.0 %		91.8 %	75.3 %	82.6 %	
TK411 - TK411		2.5	3.0	17.4	1.1	1.6	17.4		20.5	2.5	21.5	0.1	15.8	89.7 %	0.0 %	21.5	90.9 %	73.3 %	72.7 %
TK412 - TK412		2.5	18.9	2.6	1.1	18.9		21.4		24.0	0.1	17.8	100.0 %	0.0 %		94.3 %	74.1 %	78.9 %	
TK413 - TK413		3.8	18.8	1.4	2.0	18.6		22.6		24.0	0.1	16.6	100.0 %	0.0 %		89.1 %	69.2 %	78.1 %	
TK414 - TK414		0.4	2.2	19.1	2.2	2.2	19.1		21.4	0.4	23.6	0.1	16.8	98.3 %	0.0 %	23.6	88.4 %	71.4 %	79.7 %
TK415 - TK415		2.1	20.9	1.0	1.2	20.6		23.0		24.0	0.2	19.4	100.0 %	0.0 %		94.1 %	81.0 %	87.0 %	
TK416 - TK416		3.7	19.2	1.1	1.3	18.9		22.9		24.0	0.4	17.6	100.0 %	0.0 %		93.3 %	73.4 %	80.2 %	
TK417 - TK417		13.8	2.0	6.4	1.8	0.6	6.3		8.4	13.8	10.2	5.7	42.6 %	0.0 %	5.1	90.2 %	56.0 %	26.7 %	
CAT789D - CAT789D		67.7	39.1	275.8	25.4	20.4	272.7	26.7	314.9	41.0	340.3	3.1	252.3	83.4 %	0.0 %	48.6	92.5 %	74.1 %	67.6 %
TK418 - TK418			2.5	20.3	1.1	1.0	20.2		22.9		24.0	0.1	19.2	100.0 %	0.0 %		95.0 %	80.1 %	84.7 %
TK419 - TK419		1.0	2.1	19.4	1.5	2.0	18.7		21.4	1.0	23.0	0.7	16.7	95.7 %	0.0 %	23.0	85.5 %	72.9 %	80.6 %
TK420 - TK420		3.9	3.8	14.5	1.8	0.7	14.2		18.3	3.9	20.1	0.2	13.5	83.9 %	0.0 %	20.1	95.1 %	67.2 %	80.2 %
TK421 - TK421			2.6	19.9	1.5	1.8	19.8		22.5		24.0	0.1	18.1	100.0 %	0.0 %		91.0 %	75.2 %	83.1 %
TK422 - TK422			2.5	20.8	0.7	1.1	20.7		23.3		24.0	0.1	19.6	100.0 %	0.0 %		94.6 %	81.5 %	86.5 %
TK423 - TK423		24.0						24.0					0.0 %					0.0 %	
TK424 - TK424			2.1	19.8	2.1	2.2	19.8		21.9		24.0		17.7	100.0 %	0.0 %		89.1 %	73.6 %	82.6 %
TK425 - TK425			2.5	19.9	1.6	2.0	19.3		22.4		24.0	0.6	17.3	100.0 %	0.0 %		89.7 %	72.1 %	82.9 %
TK426 - TK426		2.5	2.1	16.7	2.7	1.6	16.7		18.8	2.5	21.5		15.1	89.7 %	0.0 %	21.5	90.4 %	70.1 %	69.5 %
TK427 - TK427			1.4	20.1	2.5	1.6	20.0		21.5		24.0	0.1	18.3	100.0 %	0.0 %		92.0 %	76.5 %	83.7 %
TK428 - TK428			3.4	18.2	2.3	1.4	18.2		21.7		24.0		16.9	100.0 %	0.0 %		92.3 %	70.2 %	76.0 %
TK429 - TK429		24.0											0.0 %					0.0 %	
TK430 - TK430			3.0	18.9	2.1	0.8	18.8		21.9		24.0	0.1	18.0	100.0 %	0.0 %		95.9 %	75.1 %	78.8 %
TK431 - TK431		0.4	3.3	19.1	1.2	1.1	19.0		22.4	0.4	23.6	0.1	17.9	98.4 %	0.0 %	23.6	94.1 %	75.7 %	79.5 %
TK432 - TK432			2.7	19.8	1.5	1.3	19.6		22.5		24.0	0.2	18.2	100.0 %	0.0 %		93.2 %	76.0 %	82.4 %
TK433 - TK433		9.2	1.9	11.0	2.0	1.1	10.4		12.9	9.2	14.8	0.5	9.4	61.7 %	0.0 %	7.4	89.6 %	63.2 %	45.7 %
TK434 - TK434		2.7	3.1	17.5	0.7	0.8	17.2	2.7	20.6		21.3	0.3	16.5	88.7 %	0.0 %		95.5 %	77.4 %	72.9 %
DR - Drills		28.6	15.0	71.4	5.0		68.2	21.5	86.4	7.1	91.4	3.2	68.2	76.2 %	0.0 %	18.3	100.0 %	74.6 %	59.5 %
D45K8 - D45K8		3.7	7.2	34.7	2.4		33.2		41.9	3.7	44.3	1.5	33.2	92.3 %	0.0 %	14.8	100.0 %	74.9 %	72.4 %
DR105 - DR105		1.7	1.5	19.8	1.0		18.4		21.3	1.7	22.3	1.3	18.4	92.8 %	0.0 %	11.1	100.0 %	82.8 %	82.4 %

MTR011

Fleet Timeline

More graphical presentation of equipment timeline by category



MTR027

Event Details

Detailed event from equipment with hierarchy

SELECT PARAMETERS
Paging Page 1 of 1

Date Range

10/10/2015 Smart d

to

10/10/2015 Smart d

Operation

All...

Owner

All...

Fleet

All...

Unit

All...

Time Model

BTM - Example Time Model (C

Time Component

All...

Time Code

All...

Group Consecutive Time Code

Yes

Order By

Unit

Unit Of Time

Hours

Run automatically next time

Bookmark: New bookmark

New Open Save Save As Schedule QR

Run Report

Event Detail

Start Date End Date Operation

10/10/2015 10/10/2015 Demo Operation K2, Demo Operat...

Site	Fleet Type	Unit	Event		Time Component					Code	Description	Duration	Comment
			Start DateTime	End DateTime	L1	L2	L3	L4	L5				
Demo Operation P1	AUX	AT904	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	24.00	
Demo Operation P1	AUX	AT908	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	24.00	
Demo Operation P1	AUX	AT909	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	24.00	
Demo Operation P1	AUX	BT741	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	24.00	
Demo Operation P1	AUX	BT745	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	24.00	
Demo Operation P1	AUX	BT770	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	24.00	
Demo Operation P1	AUX	BT771	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	24.00	
Demo Operation P1	AUX	BT773	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	24.00	
Demo Operation P1	AUX	BT774	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	24.00	
Demo Operation P1	AUX	BT775	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	MD - Maintenance Down	UE - Unscheduled Event	UE - Unscheduled Event	UE - Unscheduled Event	UE - Unscheduled Event	1320	Boom	24.00	
Demo Operation P1	AUX	BT776	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	24.00	
Demo Operation P1	CRUSH	CHCLIMES	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	24.00	
Demo Operation P1	CRUSH	CHCPRIMA	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	5610	No Operator	24.00	
Demo Operation P1	CATCS84	CP711	10/10/2015 6:30:00 AM	11/10/2015 6:30:00 AM	UP - Uptime	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	5610	No Operator	24.00	
Demo Operation P1	AUX	DR101	10/10/2015 6:30:00 AM	11/10/2015 1:36:46 AM	MD - Maintenance Down	UE - Unscheduled Event	UE - Unscheduled Event	UE - Unscheduled Event	UE - Unscheduled Event	1380	Sticks	18.11	
Demo Operation P1	AUX	DR101	11/10/2015 1:36:46 AM	11/10/2015 6:30:00 AM	MD - Maintenance Down	UE - Unscheduled Event	UE - Unscheduled Event	UE - Unscheduled Event	UE - Unscheduled Event	1235	Hose/piping	4.89	
Demo Operation P1	AUX	DR102	10/10/2015 6:30:00 AM	10/10/2015 7:00:42 AM	UP - Uptime	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	5705	Avail-Not Required	0.51	
Demo Operation P1	AUX	DR102	10/10/2015 7:00:42 AM	10/10/2015 7:03:05 AM	UP - Uptime	ST - Staffed	OD - Operating Delay	OD - Operating Delay	OD - Operating Delay	5315	Prestart	0.04	
Demo Operation P1	AUX	DR102	10/10/2015 7:03:05 AM	10/10/2015 8:29:57 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	1.45	
Demo Operation P1	AUX	DR102	10/10/2015 8:29:57 AM	10/10/2015 2:48:03 PM	MD - Maintenance Down	UE - Unscheduled Event	UE - Unscheduled Event	UE - Unscheduled Event	UE - Unscheduled Event	1035	Lubes	6.30	
Demo Operation P1	AUX	DR102	10/10/2015 2:48:03 PM	10/10/2015 2:50:06 PM	UP - Uptime	ST - Staffed	OD - Operating Delay	OD - Operating Delay	OD - Operating Delay	5315	Prestart	0.03	
Demo Operation P1	AUX	DR102	10/10/2015 2:50:06 PM	10/10/2015 5:52:13 PM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	3.04	
Demo Operation P1	AUX	DR102	10/10/2015 5:52:13 PM	10/10/2015 6:15:08 PM	UP - Uptime	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	5610	No Operator	0.38	
Demo Operation P1	AUX	DR102	10/10/2015 6:15:08 PM	10/10/2015 6:45:07 PM	UP - Uptime	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	6315	Shiftchange	0.50	
Demo Operation P1	AUX	DR102	10/10/2015 6:45:07 PM	10/10/2015 6:59:26 PM	UP - Uptime	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	5610	No Operator	0.24	
Demo Operation P1	AUX	DR102	10/10/2015 6:59:26 PM	10/10/2015 7:55:20 PM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	0.93	
Demo Operation P1	AUX	DR102	10/10/2015 7:55:20 PM	10/10/2015 8:36:41 PM	UP - Uptime	ST - Staffed	OD - Operating Delay	OD - Operating Delay	OD - Operating Delay	6405	Fuel Equip	0.69	
Demo Operation P1	AUX	DR102	10/10/2015 8:36:41 PM	10/10/2015 9:21:32 PM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	0.75	
Demo Operation P1	AUX	DR102	10/10/2015 9:21:32 PM	11/10/2015 4:29:26 AM	MD - Maintenance Down	UE - Unscheduled Event	UE - Unscheduled Event	UE - Unscheduled Event	UE - Unscheduled Event	1330	Carousel	7.13	
Demo Operation P1	AUX	DR102	11/10/2015 4:29:26 AM	11/10/2015 5:00:35 AM	UP - Uptime	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	OS - Operating Standby	5620	Return From Down	0.52	
Demo Operation P1	AUX	DR102	11/10/2015 5:00:35 AM	11/10/2015 5:38:44 AM	UP - Uptime	ST - Staffed	OH - Operating Hours	RT - Ready Time	VP - Value Productive	100	Production	0.64	

Standard Reports

Drill

MDR001 – Drilling Accuracy Report – overview of drilling depth accuracy and xy accuracy

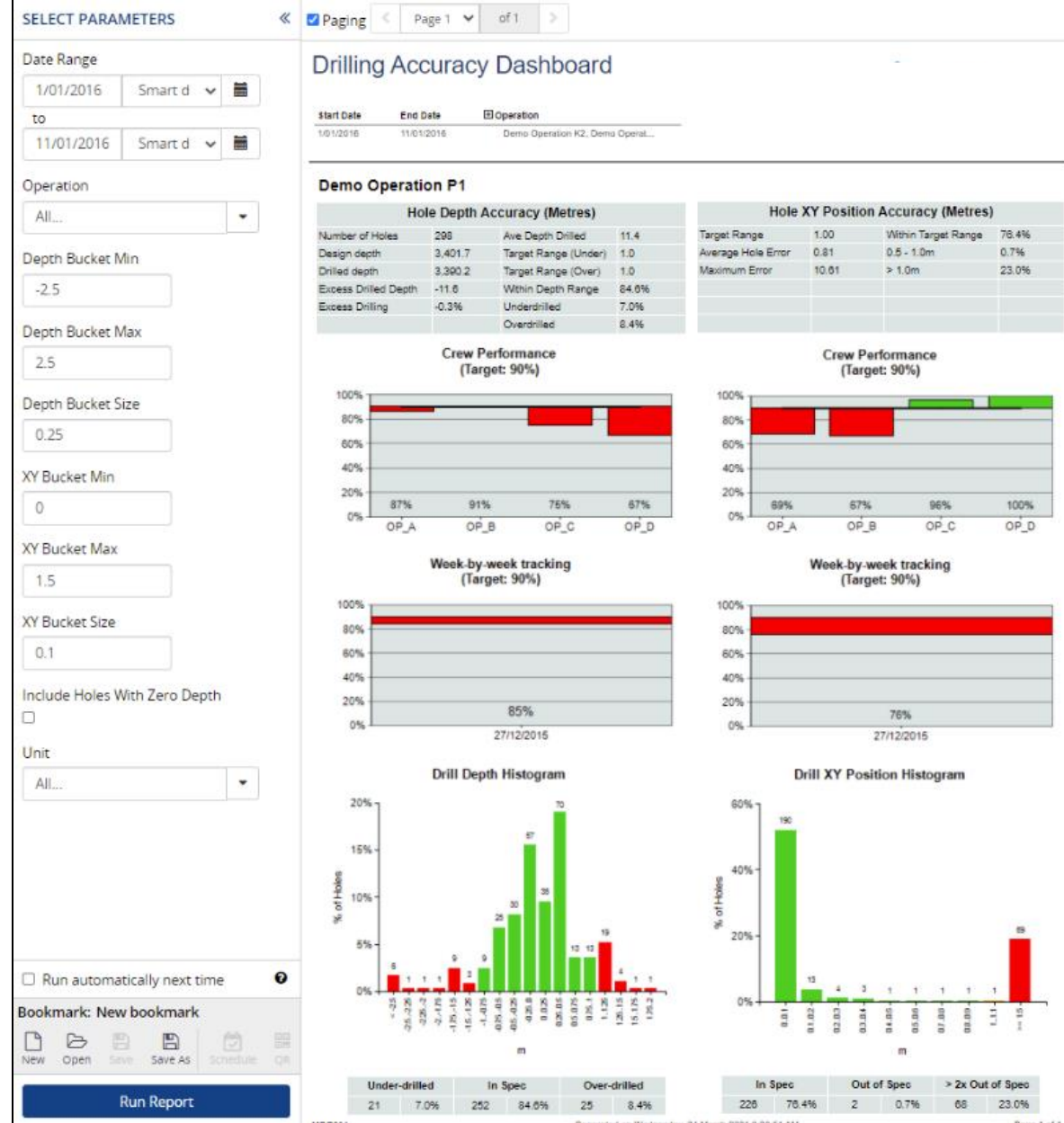
MDR003 – Drill Hole List – list of drill holes filtered by u/o drill

MDR004 – Drilling Information – Detailed drilling information

MDR001

Drilling Accuracy

Overview of drilling depth accuracy and xy accuracy



MDR003

Drill Hole List

List of drill holes filtered by u/o drill

SELECT PARAMETERS

Operation: Demo Operation P1

Date Range: 1/01/2016 to 1/01/2016

Shift: All...

Owner: All...

Drill: All...

Crew: All...

Operator: All...

Pit: All...

Bench: All...

Location: All...

Report Type: All Holes

XY Tolerance: 1

Run automatically next time

Bookmark: New bookmark

Drill Hole List

Operation	Start Date	End Date	Shift	Drill	Crew	Operator	Pit	Shot
Demo	1/01/2016	1/01/2016	Day, Night	DR103, DR104, DR105, DR106, DR...	OP_A, OP_B, OP_C, OP_D	Le Mihalik, Lady Montan, Jacqu...	MN, MO	MN360B014, MO210B012, MO220B20...

Report Type: All Holes

Depth Tolerance (Under) = 1.0m

Depth Tolerance (Over) = 1.0m

XY Tolerance = 1.0m

Shot	Hole	Date/Shift	Drill	Crew	Operator	Easting, bottom		Northing, bottom		Horiz Var (m)	Hole Depth			Duration
						Design (m)	Actual (m)	Design (m)	Actual (m)		Design (m)	Actual (m)	Error (m)	
MN360B014	080	1/01/2016 - D	DR104	D	Le Mihalik	682,420.9	682,421.0	-2,526,724.1	-2,526,724.0	0.0	11.5	12.0	0.5	74
MN360B014	089	1/01/2016 - D	DR105	B	Gretchen Papciak	682,425.3	682,425.3	-2,526,722.8	-2,526,722.8	0.1	11.5	11.0	-0.5	21
MN360B014	070	1/01/2016 - D	DR105	B	Gretchen Papciak	682,423.6	682,423.5	-2,526,722.6	-2,526,722.6	0.1	11.5	11.1	-0.4	31
MN360B014	071	1/01/2016 - D	DR105	B	Gretchen Papciak	682,421.9	682,421.9	-2,526,722.5	-2,526,722.5	0.0	11.5	11.4	-0.1	37
MN360B014	072	1/01/2016 - D	DR105	B	Gretchen Papciak	682,420.2	682,420.2	-2,526,722.4	-2,526,722.4	0.0	11.5	11.3	-0.2	33
MN360B014	073	1/01/2016 - D	DR105	B	Gretchen Papciak	682,418.5	682,418.5	-2,526,722.3	-2,526,722.2	0.1	11.5	11.4	-0.1	63
MN360B014	074	1/01/2016 - D	DR105	B	Gretchen Papciak	682,416.8	682,416.8	-2,526,722.1	-2,526,722.1	0.0	11.5	11.4	-0.1	14
MN360B014	076	1/01/2016 - D	DR105	B	Gretchen Papciak	682,414.1	682,414.1	-2,526,723.6	-2,526,723.6	0.0	11.5	11.0	-0.5	17
MN360B014	077	1/01/2016 - D	DR105	B	Gretchen Papciak	682,415.8	682,415.9	-2,526,723.7	-2,526,723.7	0.0	11.5	10.9	-0.6	18
MN360B014	078	1/01/2016 - D	DR105	B	Gretchen Papciak	682,417.5	682,417.5	-2,526,723.8	-2,526,723.8	0.0	11.5	11.1	-0.4	18
MN360B014	079	1/01/2016 - D	DR105	B	Gretchen Papciak	682,419.2	682,419.2	-2,526,723.9	-2,526,723.9	0.0	11.5	11.4	-0.1	34
MN360B014	086	1/01/2016 - D	DR105	B	Gretchen Papciak	682,431.2	682,431.2	-2,526,724.8	-2,526,724.8	0.0	11.5	10.9	-0.6	34
MN360B014	087	1/01/2016 - D	DR105	B	Gretchen Papciak	682,432.9	682,432.8	-2,526,724.9	-2,526,724.9	0.0	11.5	11.3	-0.2	20
MN360B014	088	1/01/2016 - D	DR105	B	Gretchen Papciak	682,434.6	682,434.5	-2,526,725.1	-2,526,725.1	0.0	11.5	11.6	0.1	27
MN360B014	111	1/01/2016 - D	DR105	B	Gretchen Papciak	682,435.3	682,435.3	-2,526,726.8	-2,526,726.2	0.6	11.5	11.5	0.0	30
MN360B014	113	1/01/2016 - D	DR105	B	Gretchen Papciak	682,431.9	682,432.2	-2,526,726.5	-2,526,726.3	0.3	11.5	10.9	-0.6	17
MN360B014	121	1/01/2016 - D	DR105	B	Gretchen Papciak	682,418.3	682,418.4	-2,526,725.5	-2,526,725.2	0.3	11.5	11.4	-0.1	26
MN360B014	122	1/01/2016 - D	DR105	B	Gretchen Papciak	682,416.6	682,416.7	-2,526,725.4	-2,526,725.3	0.1	11.5	12.0	0.5	21
MN360B014	123	1/01/2016 - D	DR105	B	Gretchen Papciak	682,414.9	682,414.9	-2,526,725.2	-2,526,725.2	0.0	11.5	11.5	0.0	36
MN360B014	124	1/01/2016 - D	DR105	B	Gretchen Papciak	682,413.2	682,413.2	-2,526,725.1	-2,526,725.1	0.0	11.5	11.1	-0.4	15
MN360B014	032	1/01/2016 - D	DR108	B	Franklyn Mortel	682,426.3	682,426.3	-2,526,721.2	-2,526,721.2	0.0	11.5	11.0	-0.5	15
MN360B014	033	1/01/2016 - D	DR108	B	Franklyn Mortel	682,428.0	682,427.9	-2,526,721.3	-2,526,721.4	0.0	11.5	11.1	-0.4	25
MN360B014	034	1/01/2016 - D	DR108	B	Franklyn Mortel	682,429.7	682,429.7	-2,526,721.5	-2,526,721.5	0.0	11.5	11.0	-0.5	29
MN360B014	035	1/01/2016 - D	DR108	B	Franklyn Mortel	682,431.4	682,431.4	-2,526,721.6	-2,526,721.6	0.0	11.5	11.1	-0.4	19
MN360B014	036	1/01/2016 - D	DR108	B	Franklyn Mortel	682,433.1	682,433.1	-2,526,721.7	-2,526,721.7	0.0	11.5	11.1	-0.4	25
MN360B014	037	1/01/2016 - D	DR108	B	Franklyn Mortel	682,434.8	682,434.8	-2,526,721.8	-2,526,721.8	0.0	11.5	11.3	-0.2	33
MN360B014	041	1/01/2016 - D	DR108	B	Franklyn Mortel	682,441.6	682,441.6	-2,526,722.3	-2,526,722.3	0.0	11.5	11.1	-0.4	19
MN360B014	057	1/01/2016 - D	DR108	B	Franklyn Mortel	682,445.7	682,445.7	-2,526,724.3	-2,526,724.3	0.0	11.5	11.2	-0.3	77

MDR003

Generated on Wednesday, 24 March 2021 9:23:12 AM

Page 1 of 4

MDR004

Drilling Information



Dynamic grouping of drilling information

Multiple grouping options

Drill In

Multiple Filters

SELECT PARAMETERS << Paging < Page 1 of 1 >

Date Range
1/01/2016 Smart d  to 1/01/2016 Smart d 

Operation
Demo Operation P1

Owner
All...

Grouping 1
Unit

Grouping 2
Location

Grouping 3
Hole Type

Grouping 4
Hole Diameter

Grouping 5
Crew

Grouping 6
Date

Drilling Information

Start Date: 1/01/2016 Standard of Measure: Metric
End Date: 1/01/2016 Operation: Demo Operation P1

Show/Hide Report Description

Unit	Location	Hole Type	Hole Diameter	Crew	Date	Avg Hole Depth (m)	Num Holes	Distance (m)
<input type="checkbox"/> DR101	<input type="checkbox"/> MO220B506	<input type="checkbox"/> Production (PR)	<input type="checkbox"/> 0	<input type="checkbox"/> A	1/01/2016	10.8	24	259.7
	<input type="checkbox"/> MO220B507	<input type="checkbox"/> Extra (XP)	<input type="checkbox"/> 0	<input type="checkbox"/> D	1/01/2016	10.2	2	20.3
	<input type="checkbox"/> MO220B508	<input type="checkbox"/> Extra (XP)	<input type="checkbox"/> 0	<input type="checkbox"/> D	1/01/2016	10.2	9	91.8
<input type="checkbox"/> DR102	<input type="checkbox"/> MO220B508	<input type="checkbox"/> Extra (XP)	<input type="checkbox"/> 0	<input type="checkbox"/> A	1/01/2016	10.6	11	116.4
		<input type="checkbox"/> Extra (XP)	<input type="checkbox"/> 0	<input type="checkbox"/> D	1/01/2016	10.2	4	40.8
<input type="checkbox"/> DR103	<input type="checkbox"/> MO210B012	<input type="checkbox"/> Production (PR)	<input type="checkbox"/> 0	<input type="checkbox"/> A	1/01/2016	11.6	14	162.3
		<input type="checkbox"/> Production (PR)	<input type="checkbox"/> 0	<input type="checkbox"/> B	1/01/2016	12.0	19	228.0
<input type="checkbox"/> DR104	<input type="checkbox"/> MN360B014	<input type="checkbox"/> Redrill (RE)	<input type="checkbox"/> 0	<input type="checkbox"/> D	1/01/2016	12.0	1	12.0
<input type="checkbox"/> DR105	<input type="checkbox"/> MN360B014	<input type="checkbox"/> Production (PR)	<input type="checkbox"/> 0	<input type="checkbox"/> B	1/01/2016	11.3	19	213.9
				<input type="checkbox"/> C	1/01/2016	12.4	15	185.6
		<input type="checkbox"/> Redrill (RE)	<input type="checkbox"/> 0	<input type="checkbox"/> B	1/01/2016	11.4	1	11.4
				<input type="checkbox"/> C	1/01/2016	12.4	2	24.9
<input type="checkbox"/> DR106	<input type="checkbox"/> MO210B012	<input type="checkbox"/> Production (PR)	<input type="checkbox"/> 0	<input type="checkbox"/> A	1/01/2016	12.0	1	12.0
		<input type="checkbox"/> Extra (XP)	<input type="checkbox"/> 0	<input type="checkbox"/> A	1/01/2016	11.3	3	34.0
	<input type="checkbox"/> MO220B208	<input type="checkbox"/> Production (PR)	<input type="checkbox"/> 0	<input type="checkbox"/> A	1/01/2016	11.1	9	100.1
		<input type="checkbox"/> Production (PR)	<input type="checkbox"/> 0	<input type="checkbox"/> A	1/01/2016	9.8	14	137.3
		<input type="checkbox"/> Redrill (RE)	<input type="checkbox"/> 0	<input type="checkbox"/> B	1/01/2016	10.0	6	59.9
<input type="checkbox"/> DR108	<input type="checkbox"/> MN360B014	<input type="checkbox"/> Production (PR)	<input type="checkbox"/> 0	<input type="checkbox"/> B	1/01/2016	11.2	18	201.0
				<input type="checkbox"/> C	1/01/2016	11.5	19	218.3
		<input type="checkbox"/> Redrill (RE)	<input type="checkbox"/> 0	<input type="checkbox"/> C	1/01/2016	11.5	3	34.5
Total						11.2	197	2,198.7

MDR004 Generated on Wednesday, 24 March 2021 9:25:13 AM Page 1 of 1



Standard Reports

Maintenance

MAH005 – Top 5 Timecodes

MAH006 – HME Graphs – produces graphs of selected time metrics and categories

IP04R001 – Cause Summary

IP05R002 – Cause by Unit and Operator

MAH005

Top 5 Timecodes

Top 5 events by time

Time Component Selection

Equipment Filters

SELECT PARAMETERS << >> Paging Page 1 of 2 >

Operation: Demo Operation P1

Date Range: 1/02/2016 to 6/02/2016

Time Component: Unscheduled Event

Fleet Type: HT - Haul trucks

Fleet: All...

Unit: All...

Run automatically next time

Bookmark: New bookmark

New Open Save Save As Schedule QR

Run Report

Top 5 Timecodes

Start Date: 1/02/2016 End Date: 6/02/2016 Operation: Demo Operation P1 Fleet Type: HT - Haul trucks

Top 5 by Total Time

Unscheduled Event	Hours
Transmission (UE)	131.8
Lights (UE)	60.6
Hose/piping (UE)	37.9
Cylinders (UE)	37.6
Service (UE)	36.2
Other (UE)	380.0

Top 5 by Total Number

Unscheduled Event	Count
Tire (UE)	15
Lights (UE)	10
Service (UE)	9
Hose/piping (UE)	8
Accumulator (UE)	7
Other (UE)	75

Time Code	Hours	Count
Transmission	131.8	2
Lights	60.6	10
Hose/piping	37.9	8
Cylinders	37.6	3
Service	36.2	9
Accumulator	35.8	7
Front Suspension	34.4	1
Torque Converter	32.2	2
Battery	31.9	5
Cooling	30.5	6
Pumps	28.8	1
Tire	25.1	15
Accident	20.4	3
Control	18.7	6
Valving	16.7	3
Engine	15.5	4
Dump Body	11.5	2
Lubes	10.7	6
Controls	10.6	0
Cab	8.7	5
Transmission	7.9	1

MAH006

HME Graphs

Graphs of selected time metrics and categories

Choice of chart

Basic charts

SELECT PARAMETERS

Paging Page 1 of 1

Start Date

1/01/2016 Smart d

to

13/01/2016 Smart d

Operation

Demo Operation P1

Date Grouping

Day

Fleet Type

SH - Shovels

Fleet

All...

Unit

All...

KPI Metric

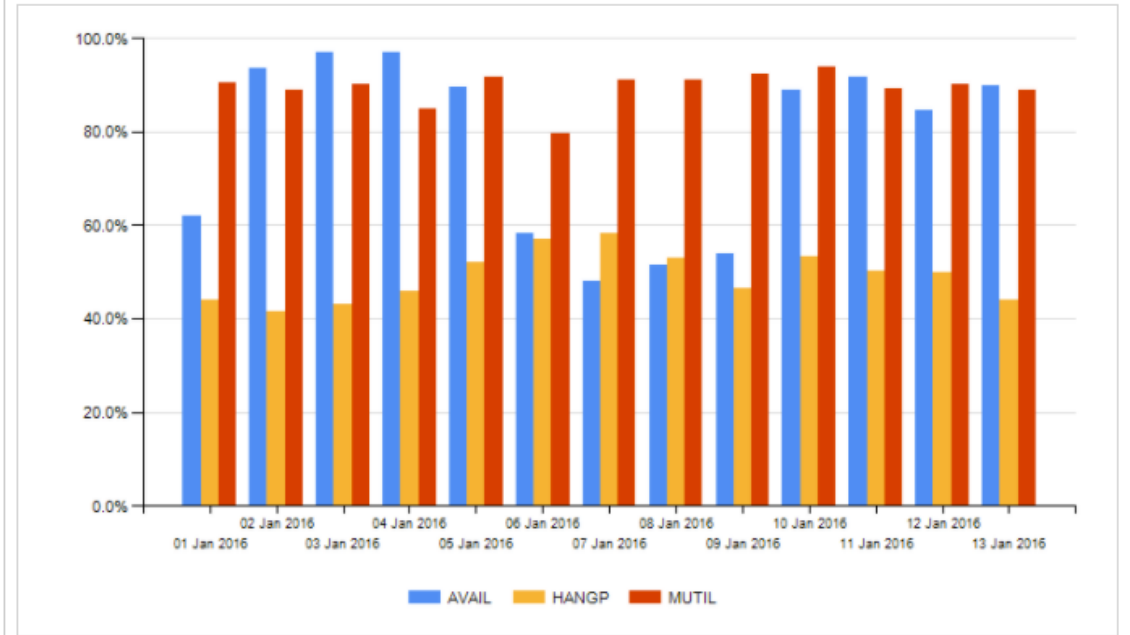
Availability, Hang Time %, Mac...

Expand All

Yes

HME Graphs

Operation	Start Date	End Date	Grouping	Fleet Type	Metrics	Fleet	Unit
Demo	1/01/2016	13/01/2016	Day	SH -	Availability, Hang Time %, Mac...	HI36006E, HI36006S	SH201, SH202



Operation, Fleettype, Fleet, Unit	Time Data		
	Time Metrics		
	Availability	Hang Time %	Machine Utilisation
PVM	77.4%	48.5%	89.4%
SH	77.4%	48.5%	89.4%
HI36006E	57.0%	44.6%	88.7%
SH201	57.0%	44.6%	88.7%
HI36006S	97.7%	50.8%	89.9%
SH202	97.7%	50.8%	89.9%

MAH006

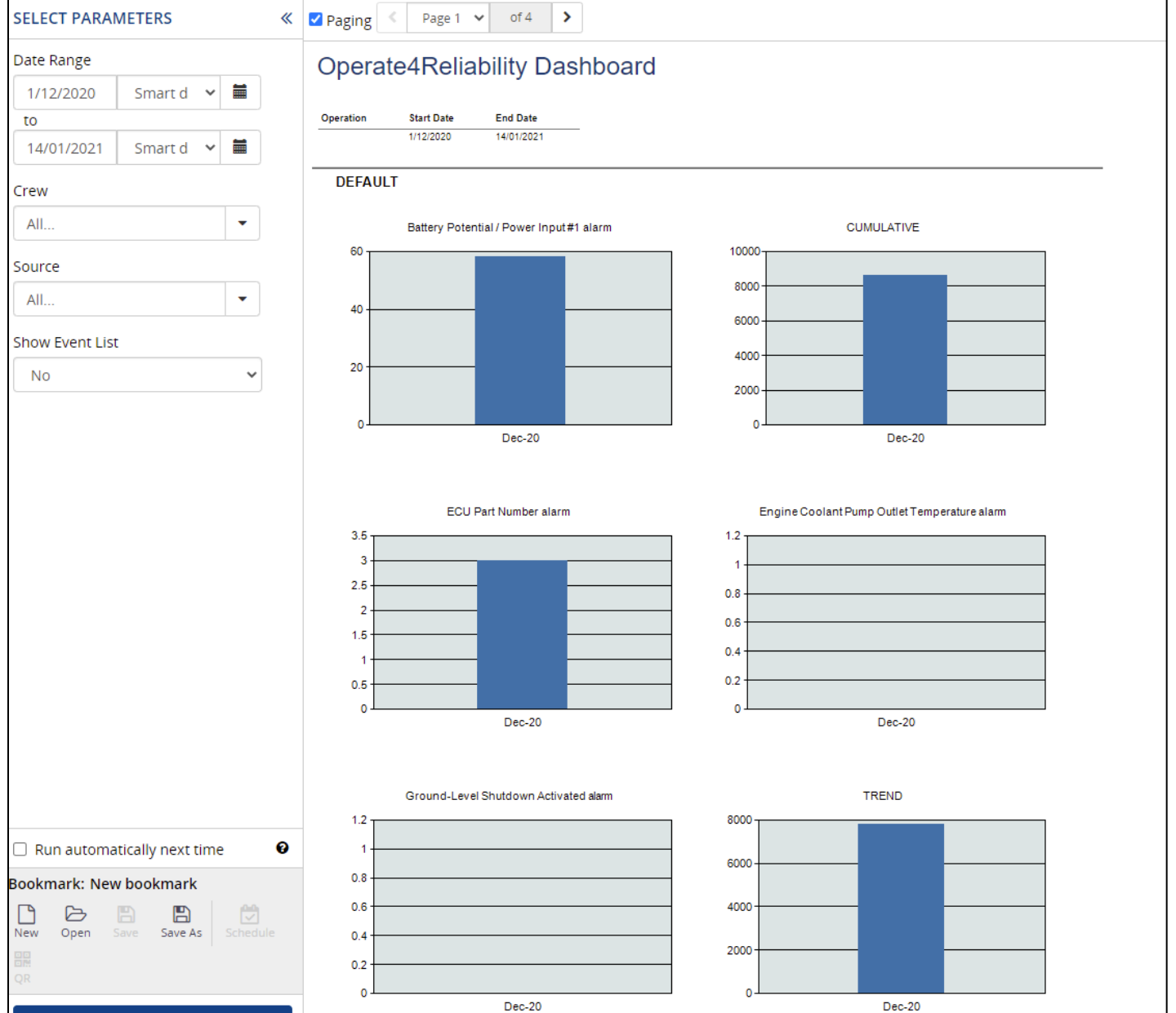
Generated on Wednesday, 24 March 2021 9:33:00 AM

Page 1 of 1

IPO4R001

Cause Summary

Asset health cause stats by Month



IPO4R002

Cause by Unit and Operator

Machine Health Cause alerts by machine operator and types

Supervisor Overview Report															
Operation	Start Date	End Date	Fleet Type	Fleet											
	2/12/2020	2/12/2020	TEST, Bucket wheel excavators,...	30008E, 40008E, 40008F, 8000EX,...											
Crew	Unit	Name	Utilised time												
			hours	Fuel Pressure Sensor - Before Fuel Filter alarm	Right Rear Outer Tire Pressure/Temperature Sensor alarm	Ethernet Data Link #1 alarm	Time Synchronization Input Signal #5 alarm	Engine Control Module alarm	Transmission Solenoid 2 alarm	Intake Manifold #2 Air Temperature Sensor alarm	Fuel Rail Temperature Sensor alarm	Turbocharger #3 Compressor Inlet Pressure Sensor alarm	Machine Position Sensing Control Module Data Link #5 alarm	Differential (Axle) Lube Pressure Sensor alarm	Machine Application alarm
9	03H8049	Total	0.00	0	0	0	0	0	0	0	0	0	0	0	0
	04H3689	Total	0.00	0	0	0	0	0	0	0	0	0	0	0	0
	06H111	Total	22.64	0	0	0	0	0	0	0	0	0	0	0	0
	06H112	Total	11.03	0	1	3	0	0	0	0	0	0	6	0	4
	06H1509	Total	0.00	0	0	0	0	0	0	0	0	0	0	0	0
	06H166	Total	0.00	0	0	0	0	0	0	0	0	0	0	0	0
	06H186	Total	0.00	0	0	0	0	0	0	0	0	0	0	0	0
	06H253	Total	0.00	0	0	0	0	0	0	0	0	0	0	0	0
	06H262	Total	22.12	0	0	0	0	0	0	0	0	0	0	0	0
	06H263	Total	21.40	0	1	0	0	0	0	0	0	0	0	0	0
	06H264	Total	22.91	0	0	0	0	0	0	0	0	0	0	0	0
	06H265	Total	23.12	0	0	0	0	0	0	0	0	0	0	0	0
	06H266	Total	10.65	0	0	0	0	0	0	0	0	0	0	0	0
	06H273	Total	22.10	0	0	0	0	0	0	0	0	0	0	0	0
	06H310	Total	22.94	0	0	0	0	0	0	0	0	0	0	0	0
	06H311	Total	19.19	0	0	1	0	0	0	0	0	0	0	0	0
	06H312	Total	11.28	0	0	0	0	0	0	0	0	0	0	0	0
	06H314	Total	22.70	0	0	0	0	0	0	0	0	0	0	0	0
	06H315	Total	22.79	0	0	0	0	0	0	0	0	0	0	0	0
	06H316	Total	12.69	0	0	0	0	0	0	0	0	0	0	0	0
	06H317	Total	22.80	0	0	1	0	0	0	0	0	0	0	0	0
	06H318	Total	10.99	0	1	0	0	0	0	0	0	0	0	0	0
	06H319	Total	21.01	0	1	1	0	0	0	0	0	0	0	0	0
	06H321	Total	21.48	0	0	0	0	0	0	0	0	0	0	0	0
	06H323	Total	20.83	0	0	0	0	0	0	0	0	0	0	0	0
	06H324	Total	11.26	0	0	0	0	0	0	0	0	0	0	0	0
	06H380	Total	0.00	0	0	0	0	0	0	0	0	0	0	0	0



Standard Dashboards

Production

DPR001 – Day Production

DPR002 – Month Production

DPR003 – Payload

DPR001 – Day Production

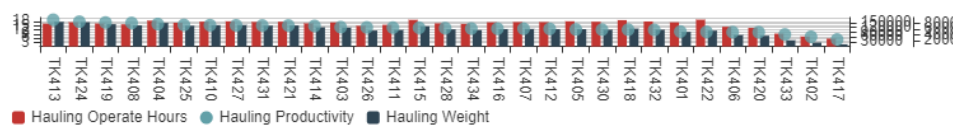
Movement By Material

	WastePAG	MQ2	M03	H02	L03	MQ3	L02	M02	LO2	L01	MnWstP...	WasteNAG	MQ
Expit	63,618	16,296	7,166	10,275	11,843	177	8,330	12,350	531	9,409	1,625	4,702	177
Rehandle				2,532					696				

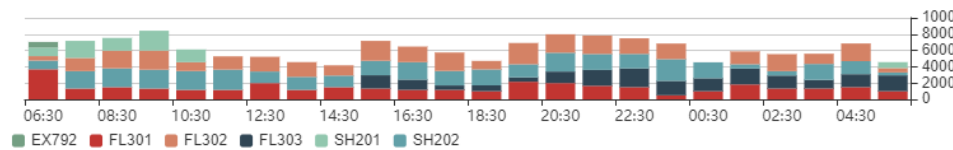
Fleet Type Key metrics

	Avail	Util
Excavators a...	83.1	30.2
Graders	23.2	17.9
Drills	76.2	59.5
Haul trucks	84.5	68.1
Water trucks	82.6	20.3
Loaders	87.1	78.0
Unknown fle...	88.5	63.7
Tracked dozers	81.2	62.1
Rubber tyred ...	77.5	51.6
Shovels	62.0	56.2

Haul Productivity



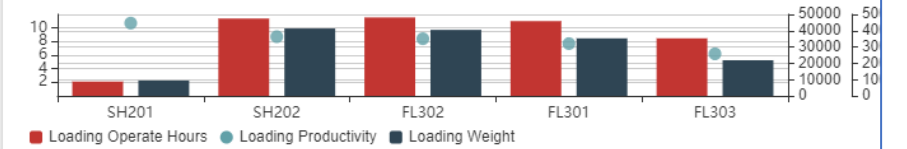
Tonnes by hour and Loader



Movement Summary

Movement	FL301	FL303	SH202	FL302	SH201	EX792	Total
Total Actual	35,311	21,883	41,898	40,509	9,430	696	149,728
Total Plan	12,000	5,000	20,000	17,000	12,000	0	66,000
By Origin							
MN370B210-01/PAG	30,948						30,948
QQ180A019-02/MQ2		16,296					16,296
MO220B801-01/PAG			19,529				19,529
MO215B005-05/M03				6,444			6,444
MO215B005-02/H02				9,230			9,230
MO215B005-03/L03				3,135	8,708		11,843

Loader Productivity



Cycle Time Elements

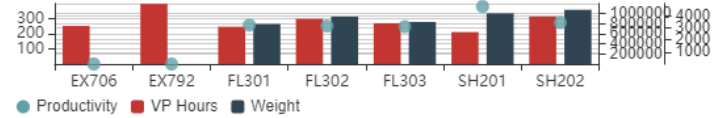


DPR002 – Month Production

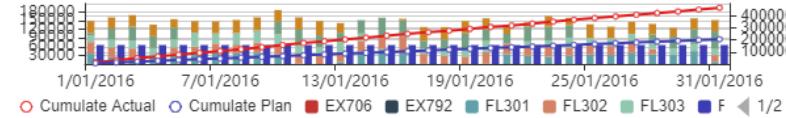
Movement Data

Movement		EX706	EX792	FL301	FL302	FL303	SH201	SH202	Total
Total Actual		540	696	793,687	940,117	834,619	1,006,361	1,076,700	4,652,720
Total Plan		0	0	372,000	527,000	155,000	372,000	620,000	2,046,000
Rehandle	REHANDLE	540	696	7,488	196,293	63,189			268,206
				46,020	3,894	5,664		531	56,109
Expit	MN			562,159	28,720	230,987	174		822,041
	MONTENEG			17,000					17,000

Shovel Productivity



Movement by day

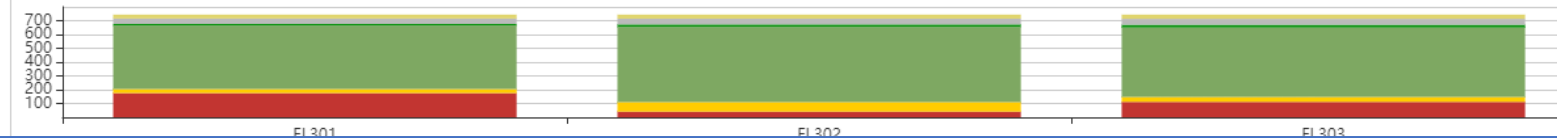


Time Categories

Excavators and diggers

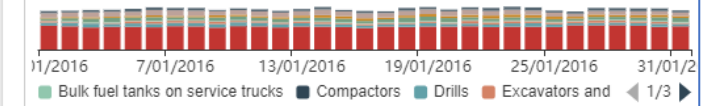


Loaders

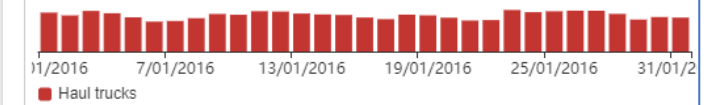


Time Components

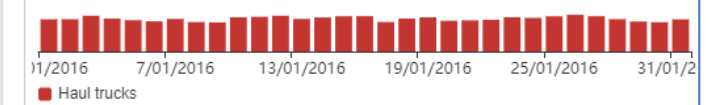
100-Production 28109hrs



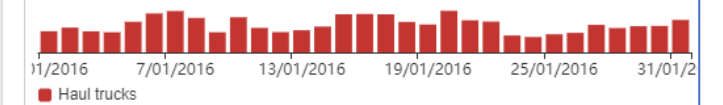
185-Travel Full 7542hrs



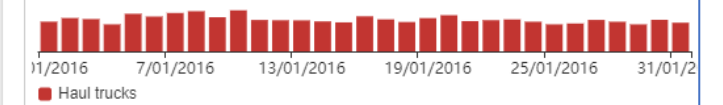
184-Travel Empty 5677hrs



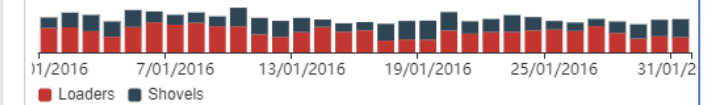
189-Queue at loader 1549hrs



186-Loading 1333hrs



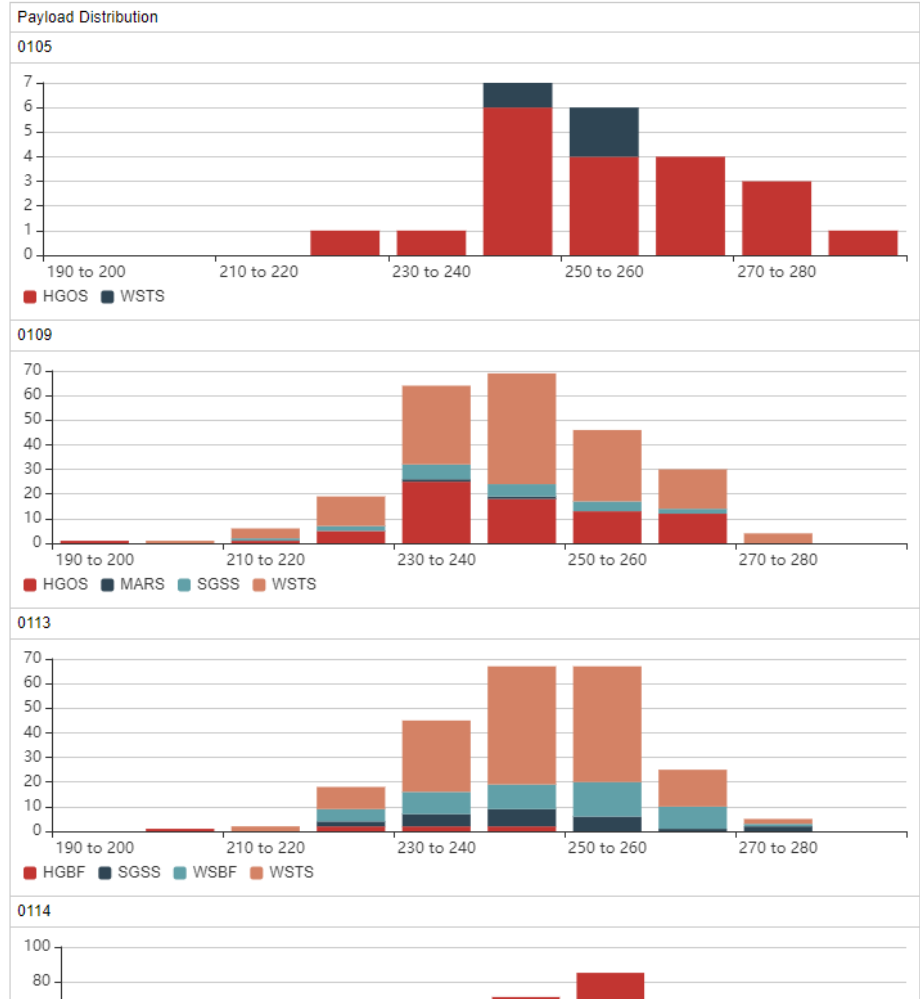
188-Loading Truck 1191hrs



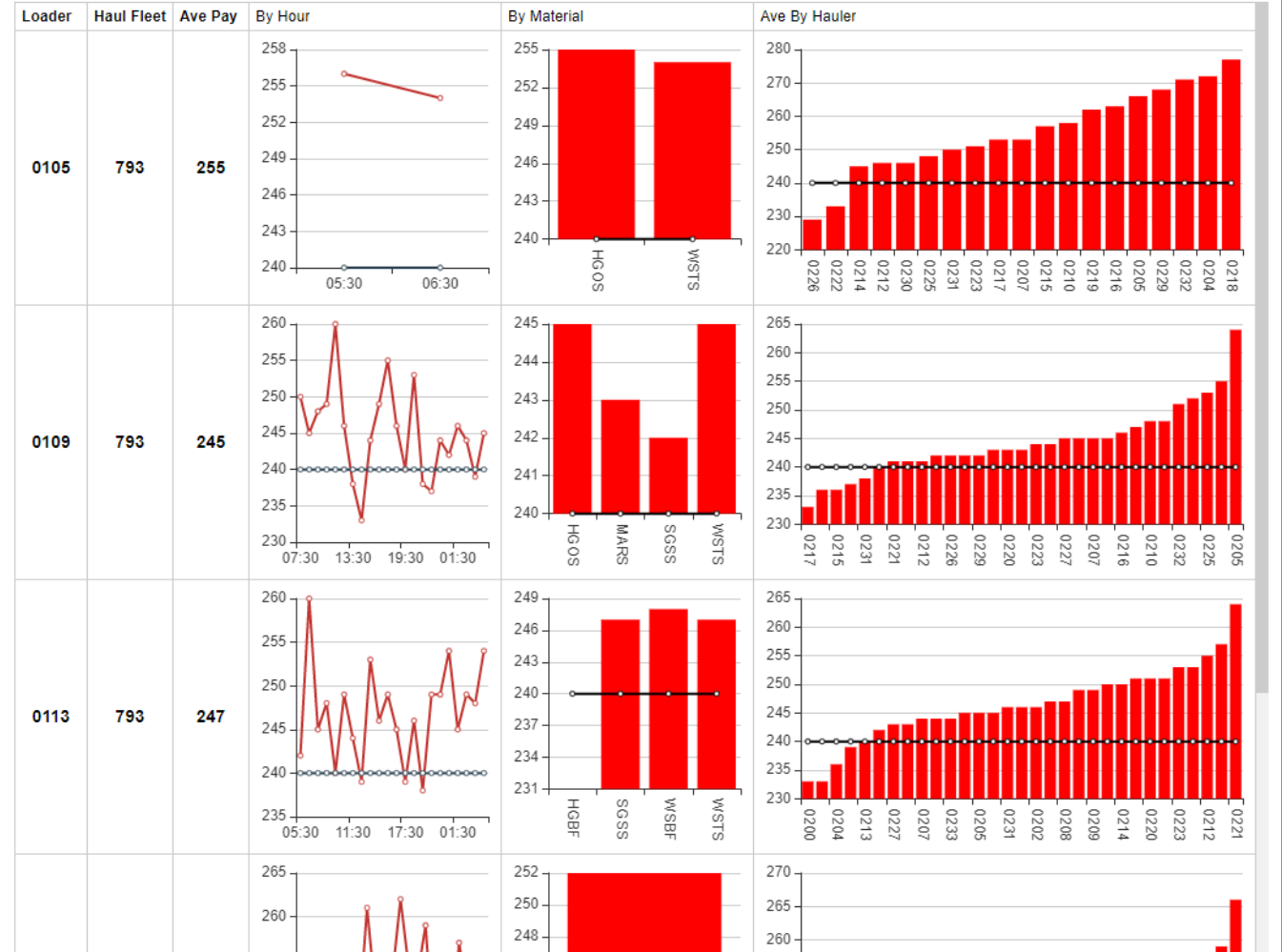
187-Hang 1118hrs

DPR003 – Payload

Payload By Material



Payload by Hour, Material, Haul





Standard Dashboards

Time and Maintenance

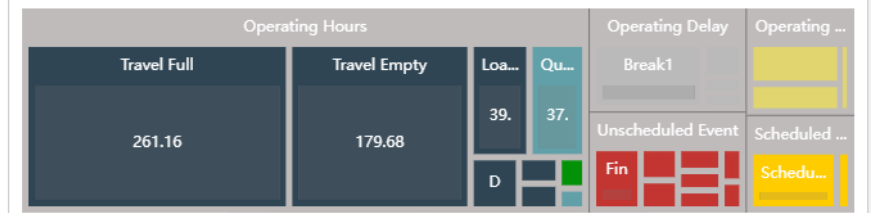
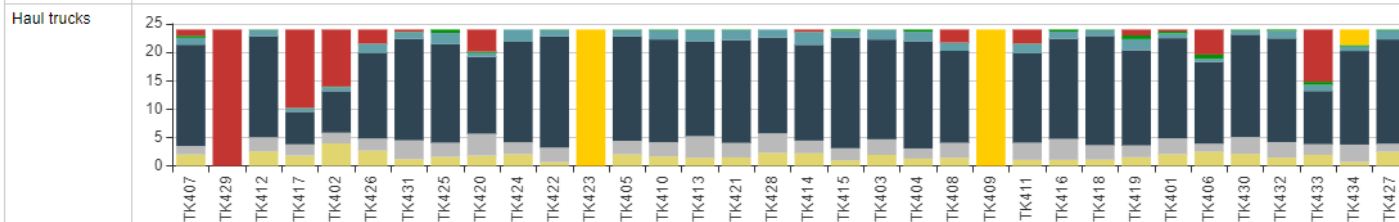
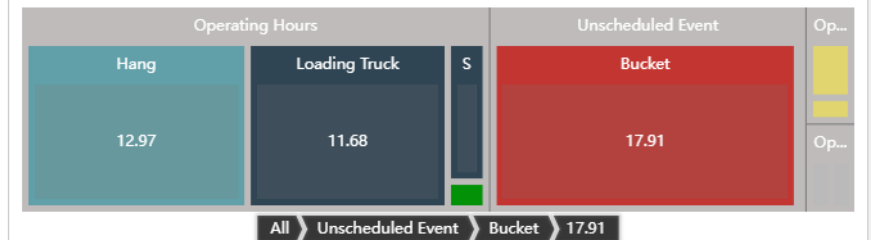
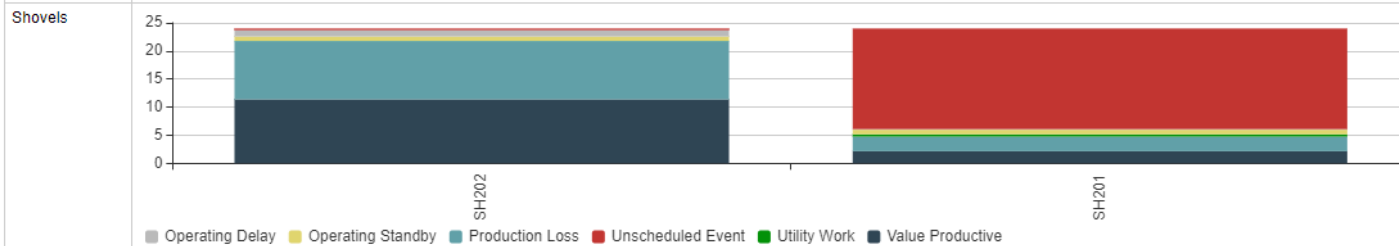
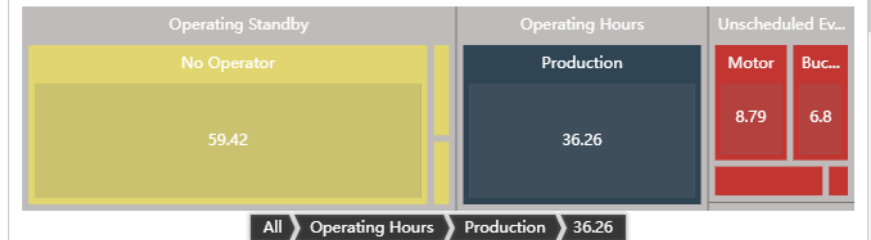
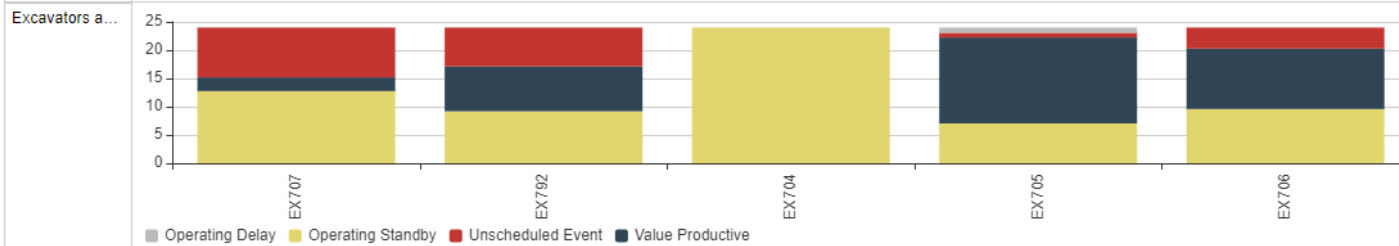
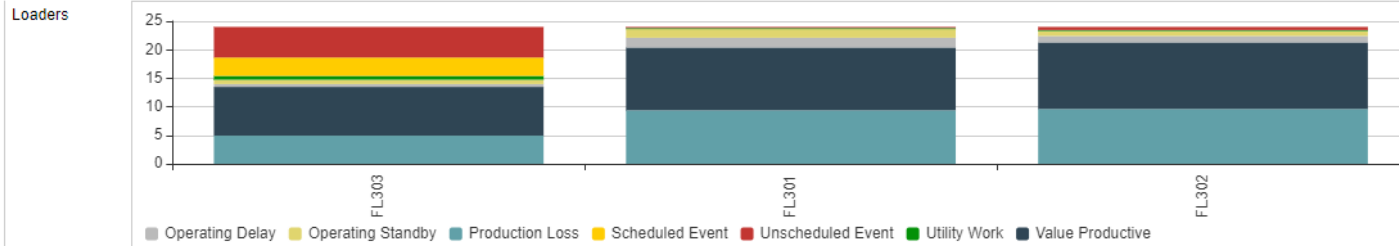
DTR001 – Time Data

DTR002 – SMU

DTR003 – Unit Current Status

DTR001 – Time Data

Time Data by Fleet Types



DTR002 – SMU

File ▾ DTR002 SMU ▾
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SMU Clock Data

			Clock Start	Clock End	Smu type
CAT994F	FL301	1/01/2016 6:05 PM	28,731.40	28,742.40	MACHINE
		2/01/2016 6:10 AM	28,742.40	28,752.60	MACHINE
	FL302	1/01/2016 6:29 PM	28,337.90	28,349.30	MACHINE
		2/01/2016 6:10 AM	28,349.30	28,359.80	MACHINE
	FL303	1/01/2016 10:28 PM	0.00	0.00	MACHINE
CAT789C	TK401	1/01/2016 6:00 PM	28,347.30	28,357.00	MACHINE
		2/01/2016 6:10 AM	28,357.00	28,366.60	MACHINE
	TK402	1/01/2016 6:10 PM	27,828.70	27,835.20	MACHINE
		2/01/2016 6:20 AM	27,835.20	27,838.20	MACHINE
	TK403	1/01/2016 6:00 PM	22,098.30	22,108.20	MACHINE
		2/01/2016 6:00 AM	22,108.20	22,118.00	MACHINE
	TK404	1/01/2016 6:00 PM	25,631.20	25,641.60	MACHINE
		2/01/2016 6:20 AM	25,641.60	25,652.20	MACHINE
	TK405	1/01/2016 5:50 PM	25,664.40	25,674.60	MACHINE
		2/01/2016 6:00 AM	25,674.60	25,684.40	MACHINE
	TK406	1/01/2016 6:00 PM	27,092.60	27,098.10	MACHINE
		2/01/2016 6:00 AM	27,098.10	27,108.30	MACHINE
	TK407	1/01/2016 6:00 PM	23,224.30	23,233.80	MACHINE
		2/01/2016 6:10 AM	23,233.80	23,242.00	MACHINE
	TK408	1/01/2016 6:20 PM	27,042.50	27,053.00	MACHINE
		2/01/2016 6:00 AM	27,053.00	27,061.40	MACHINE
TK409	1/01/2016 5:00 PM	23,689.30	23,690.00	MACHINE	
	TK410	1/01/2016 6:00 PM	29,450.50	29,460.90	MACHINE
2/01/2016 6:20 AM		29,460.90	29,471.10	MACHINE	
TK411	1/01/2016 6:20 PM	26,102.30	26,109.90	MACHINE	
	2/01/2016 6:10 AM	26,109.90	26,120.60	MACHINE	
TK412	1/01/2016 6:10 PM	26,380.30	26,390.60	MACHINE	
	2/01/2016 6:00 AM	26,390.60	26,400.00	MACHINE	
TK413	1/01/2016 4:20 PM	22,256.10	22,264.00	MACHINE	
	2/01/2016 6:00 AM	22,264.00	22,274.50	MACHINE	
TK414	1/01/2016 6:00 PM	24,259.90	24,269.80	MACHINE	
	2/01/2016 6:10 AM	24,269.80	24,279.80	MACHINE	
TK415	1/01/2016 6:20 PM	22,220.00	22,232.50	MACHINE	
	2/01/2016 6:00 AM	22,232.50	22,241.20	MACHINE	
TK416	1/01/2016 6:20 PM	22,611.60	22,623.10	MACHINE	
	2/01/2016 5:40 AM	22,623.10	22,630.40	MACHINE	

SMU v Event Hours

	Start SMU	End SMU	SMU Hours	Event Hrs	
FL301	28,731.40	28,752.60	21.20	22.3	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
FL302	28,337.90	28,359.80	21.90	22.6	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK401	28,347.30	28,366.60	19.30	21.6	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK402	27,828.70	27,838.20	9.50	10.0	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK403	22,098.30	22,118.00	19.70	22.0	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK404	25,631.20	25,652.20	21.00	22.7	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK405	25,664.40	25,684.40	20.00	22.0	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK406	27,092.60	27,108.30	15.70	17.1	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK407	23,224.30	23,242.00	17.70	20.9	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK408	27,042.50	27,061.40	18.90	20.3	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK409	23,689.30	23,690.00	0.70		<div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK410	29,450.50	29,471.10	20.60	22.3	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK411	26,102.30	26,120.60	18.30	20.5	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK412	26,380.30	26,400.00	19.70	21.4	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK413	22,256.10	22,274.50	18.40	22.6	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK414	24,259.90	24,279.80	19.90	21.4	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK415	22,220.00	22,241.20	21.20	23.0	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK416	22,611.60	22,630.40	18.80	22.9	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK417	21,385.60	21,393.10	7.50	8.4	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK418	19,228.30	19,248.40	20.10	22.9	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK419	20,028.30	20,047.40	19.10	21.4	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK420	16,979.70	16,995.30	15.60	18.3	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK421	18,556.40	18,576.30	19.90	22.5	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK422	20,260.90	20,281.70	20.80	23.3	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK424	15,700.30	15,720.80	20.50	21.9	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK425	19,355.00	19,374.80	19.80	22.4	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK426	13,127.60	13,145.20	17.60	18.8	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK427	19,967.90	19,988.60	20.70	21.5	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK428	19,590.40	19,609.00	18.60	21.7	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK430	14,425.50	14,444.60	19.10	21.9	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK431	17,789.10	17,808.60	19.50	22.4	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK432	17,545.50	17,565.70	20.20	22.5	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK433	10,811.20	10,823.70	12.50	12.9	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
TK434	15,508.30	15,526.70	18.40	20.6	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
WT702	16,149.00	16,179.00	30.00	10.4	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div> <div style="width: 20px; height: 10px; background-color: black; display: inline-block;"></div>
FL303	0.00	0.00	0.00	14.7	<div style="width: 20px; height: 10px; background-color: red; display: inline-block;"></div>

FILTERS

Interval
Interval ▾

Production Date ▾

<

1/1/2016

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Smc ▾

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Unit Fleet
In List ▾

All...

L2 Time Component
In List ▾

ST

▶ APPLY FILTERS

Caterpillar: Confidential Green

DTR003 – Unit Current Status

File ▾ DTR003 Unit Current Status ▾
🔒 ↻

1/01/2016

Haul trucks										Drills		Shovels	
CAT789C					CAT789D					D55SP	D45KS	HI36006E	HI36006S
TK401 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK405 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK409 Scheduled Event UNKNOWN Unknown Scheduled Maint 720.0 JS	TK413 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK417 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK418 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK422 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK426 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK430 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK434 Scheduled Event UNKNOWN Unknown Wash Equipment 183.4 JS	DR103 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	DR105 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	SH201 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	SH202 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS
TK402 Operating Standby UNKNOWN Unknown No Operator 12.8 JS	TK406 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK410 Operating Hours QQ18DA019-02/MQ2 Unknown Loading 1.3 JS	TK414 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS		TK419 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK423 Scheduled Event UNKNOWN Unknown Scheduled Maint 720.0 JS	TK427 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK431 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS		DR104 Scheduled Event UNKNOWN Unknown Scheduled Maint 720.0 JS	DR106 Operating Standby UNKNOWN Unknown ShiftChange 19.1 JS		
TK403 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK407 Operating Standby UNKNOWN Unknown ShiftChange 19.8 JS	TK411 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK415 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS		TK420 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK424 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK428 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK432 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS		DR108 Operating Standby UNKNOWN Unknown ShiftChange 21.4 JS			
TK404 Operating Hours QQ18DA019-02/MQ2 Unknown Travel Full 3.6 JS	TK408 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK412 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK416 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS		TK421 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS	TK425 Operating Hours QQ18DA019-02/MQ2 Unknown Travel Empty 2.6 JS	TK429 Unscheduled Event UNKNOWN Unknown Tire 116.0 JS	TK433 Operating Standby UNKNOWN Unknown ShiftChange 14.9 JS					

		Operating Standby	Operating Hours	Scheduled Event	Unscheduled Event
Haul trucks	CAT789C	14	2	1	
	CAT789D	13	1	2	1
	Total	27	3	3	1
Drills	D55SP	2		1	
	D45KS	2			
	Total	4		1	
Shovels	HI36006E	1			
	HI36006S	1			
	Total	2			

FleetType	Day Total Time
Haul trucks	
Drills	
Shovels	

▶ APPLY FILTERS

FILTERS

Interval Interval ▾

Production Date ▾

< 1/1/2016 Sme ▾ 📄 >

Fleet Type In List ▾

DR, SH, HT ▾

Standard Dashboards

Maintenance

DAH001 – Day Maintenance

DAH002 – Month Maintenance

DAH003 – Equipment Detailed

DAH004 – Equipment Detailed Health

DAH005 – Unit Asset Health

DAH006 – Fleet Asset Health

DAH007 – Unit Health Cumulative

DAH008 – Month Health

DAH009 – Last Health

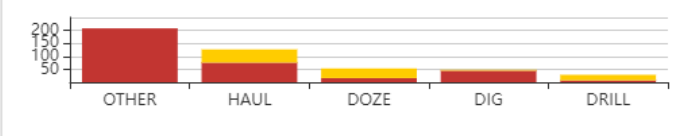
DAH010 – Fuel

DAH001 – Day Maintenance

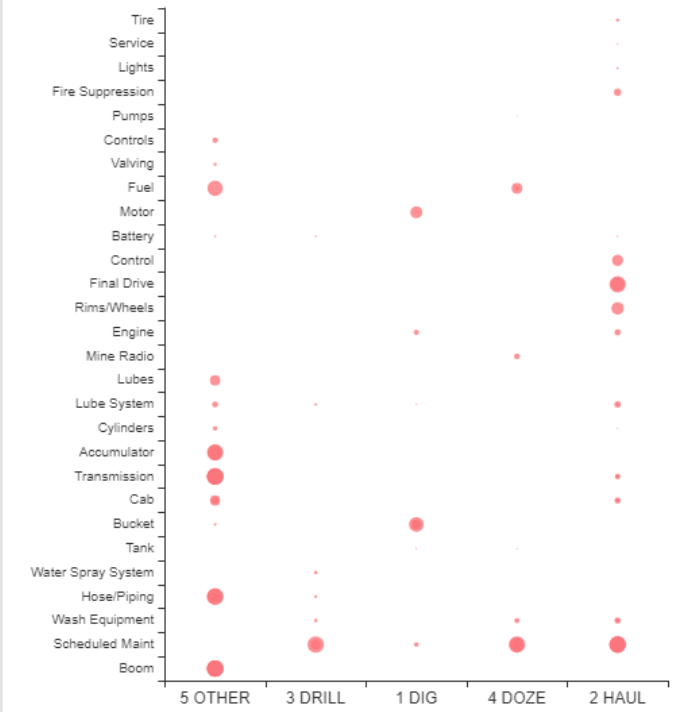
Down Time

Todays Down Equipment			Schedule...	Unschedu...	Operating ...	Operating ...	Utility Work	Value Pro ...	Productio...
DIG	Excavators ...	EX704			24.00				
		EX705		0.83	7.05	0.92		15.20	
		EX706		3.72	9.58			10.69	
		EX707		8.80	12.76			2.44	
		EX792		6.88	9.19			7.93	
	Loaders	FL301		0.19	1.53	1.70	0.17	11.01	9.38
		FL302		0.55	0.87	1.12	0.18	11.67	9.61
		FL303	3.22	5.36	0.76	0.50	0.67	8.55	4.94
	Shovels	SH201		17.92	0.83	0.09	0.41	2.15	2.60
		SH202		0.30	0.79	1.12	0.03	11.39	10.38
HAUL	Contractor ...	TESTTK...			24.00				
	Haul trucks	TK401		0.36	2.09	2.78	0.32	17.61	0.84
		TK402		10.04	3.99	1.87	0.08	7.30	0.72
		TK403			1.95	2.75	0.07	17.55	1.68
		TK404			1.30	1.79	0.38	18.86	1.68
		TK405			2.05	2.38	0.10	18.37	1.11
		TK406		4.40	2.51	1.42	0.73	14.38	0.56
		TK407		1.09	2.02	1.50	0.37	17.81	1.21
		TK408		2.28	1.44	2.64	0.04	16.17	1.43
		TK409	24.00						
		TK410			1.69	2.50	0.12	18.08	1.62
		TK411		2.46	1.08	3.02	0.07	15.79	1.59
		TK412			2.58	2.49	0.07	17.79	1.08
		TK413			1.45	3.80	0.11	16.61	2.03
		TK414		0.41	2.24	2.23	0.07	16.84	2.22
		TK415			1.01	2.12	0.22	19.43	1.22
		TK416			1.08	3.68	0.35	17.63	1.26
TK417		13.77	1.83	1.98	0.07	5.73	0.62		

Summary Time



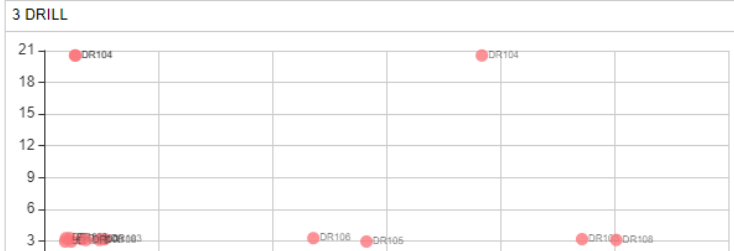
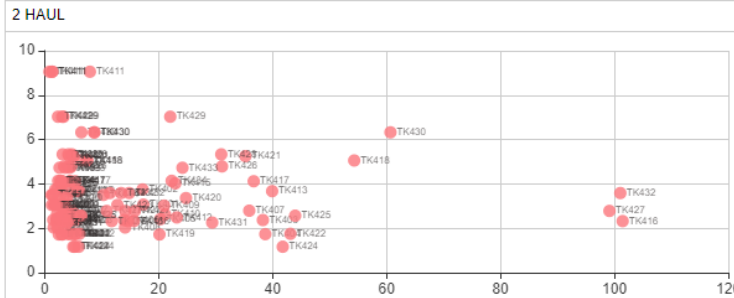
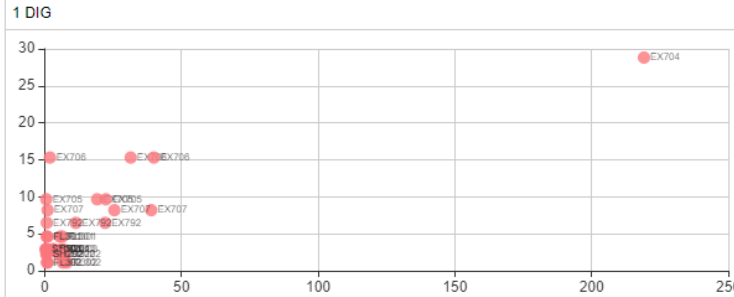
Time by Timecode



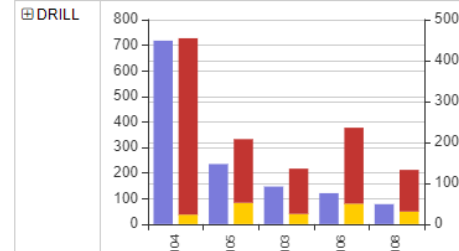
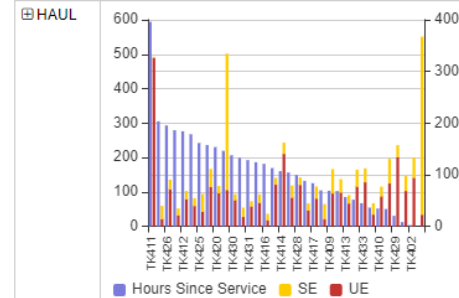
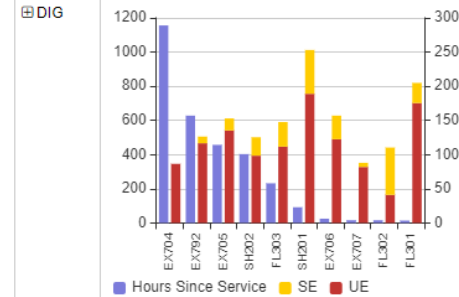
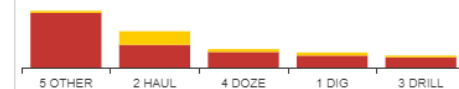
DAH002 – Month Maintenance

Key Maintenance Metrics

MTBF (X) MTTR (Y)



Down Time - Matrix



TimeData

Scheduled Maint	Carbody	Differential	Engine	Lube ...	Cool...	Deck...
265.75	189.24	91.16	46.64	42.47	36....	36....
Bucket	Hose/Piping	Tank	Battery	Motor	Starter	Tire
214.27	102.14			27....	26...	24.
		Cab	Cooling	Sticks		
		Pumps	Wash Equ...	Wh...		
	All Carbody		189.24			

Scheduled Maint	Cooling	Cab	Control	Lights	Dum...	Con...	Cyli...
1167.38	272.23	146.40	98.80	67....	64...	63...	62.
	Tire	Transmission	Accumulat...	Rear S...	Rim	Re	Fro
	236.95	144.60	94.27				Ex
	Wash Equipment	Hose/Piping	Engine	Lube S...			
		134.28	91.98	Differe...			
	All Tire		Service	Tank			

Engine	Scheduled Maint	Drilling	Carousel	Compre...	Cylind...
426.31	162.71	86.97	34.36	32.95	29.84
	Hose/Piping	Rotary Head	Lube S...	Ligh	Pu
		61.54	26.08	Val	Ca
			Control		

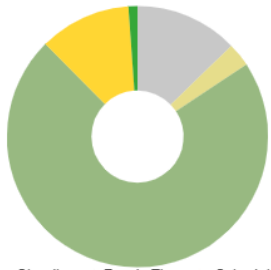


DAH003 – Equipment Detailed

TK434

CAT789D

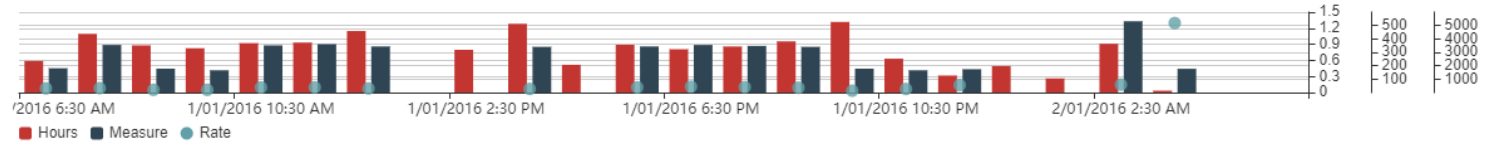
Time Data



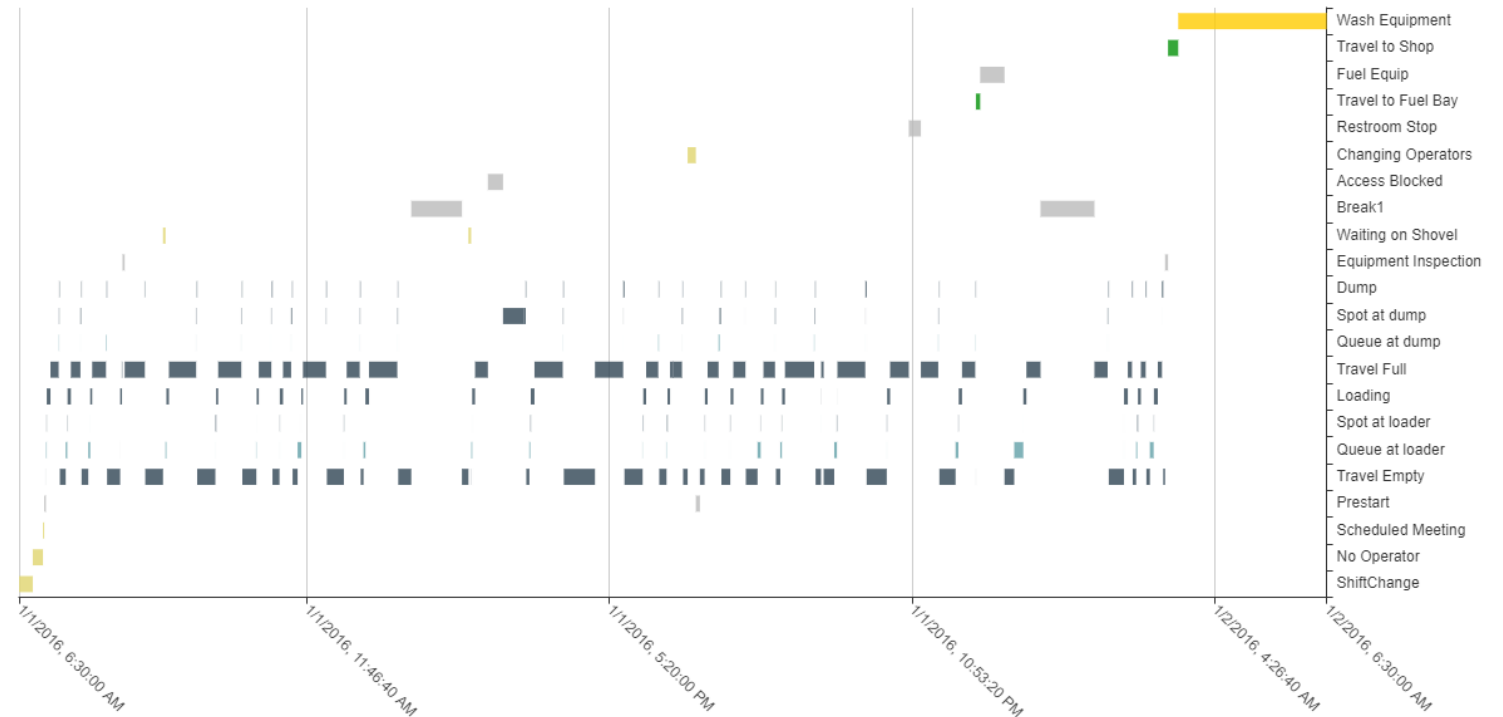
Production by Origin



Productivity



Event Timeline

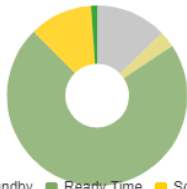


DAH004 – Equipment Detailed Health

TK434

CAT789D

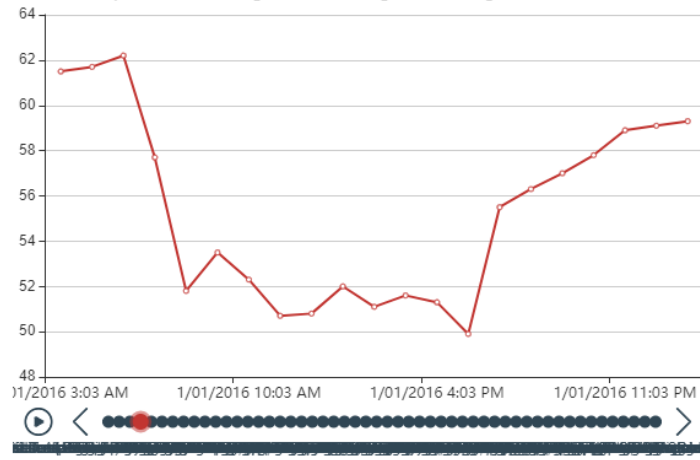
Time Data



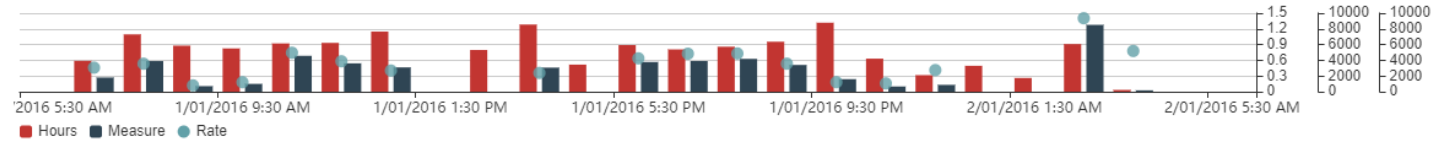
Operating Delay Operating Standby Ready Time Scheduled Event Utility Work

Condition Data

Fuel Temperature - Engine Running, RPM High, Warm, Loaded



Productivity

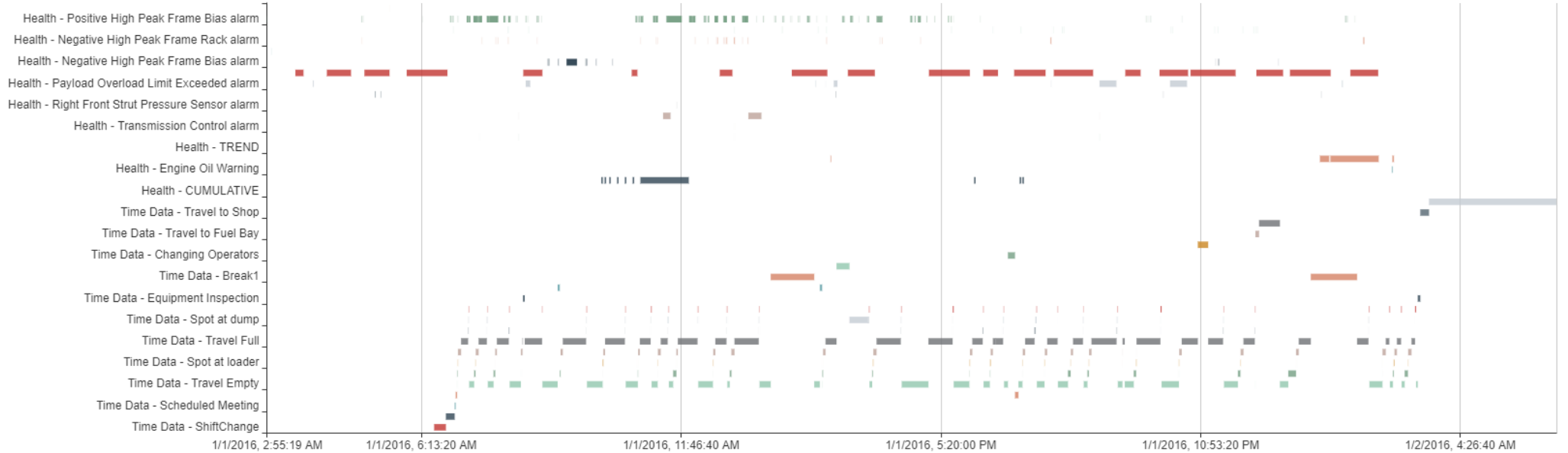


Event and Health

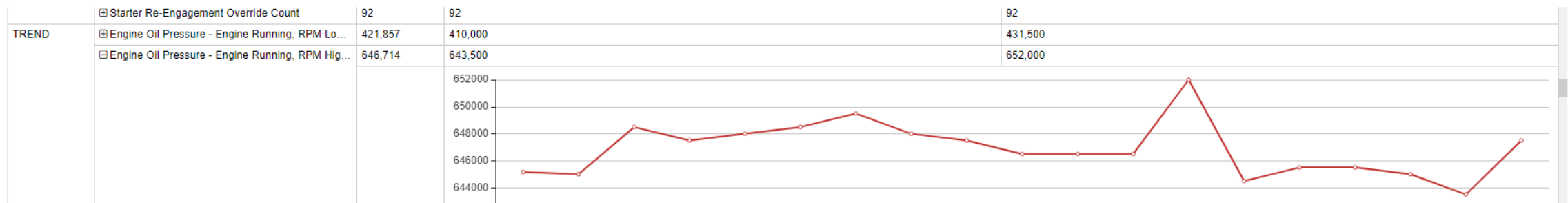


DAH005 – Unit Asset Health

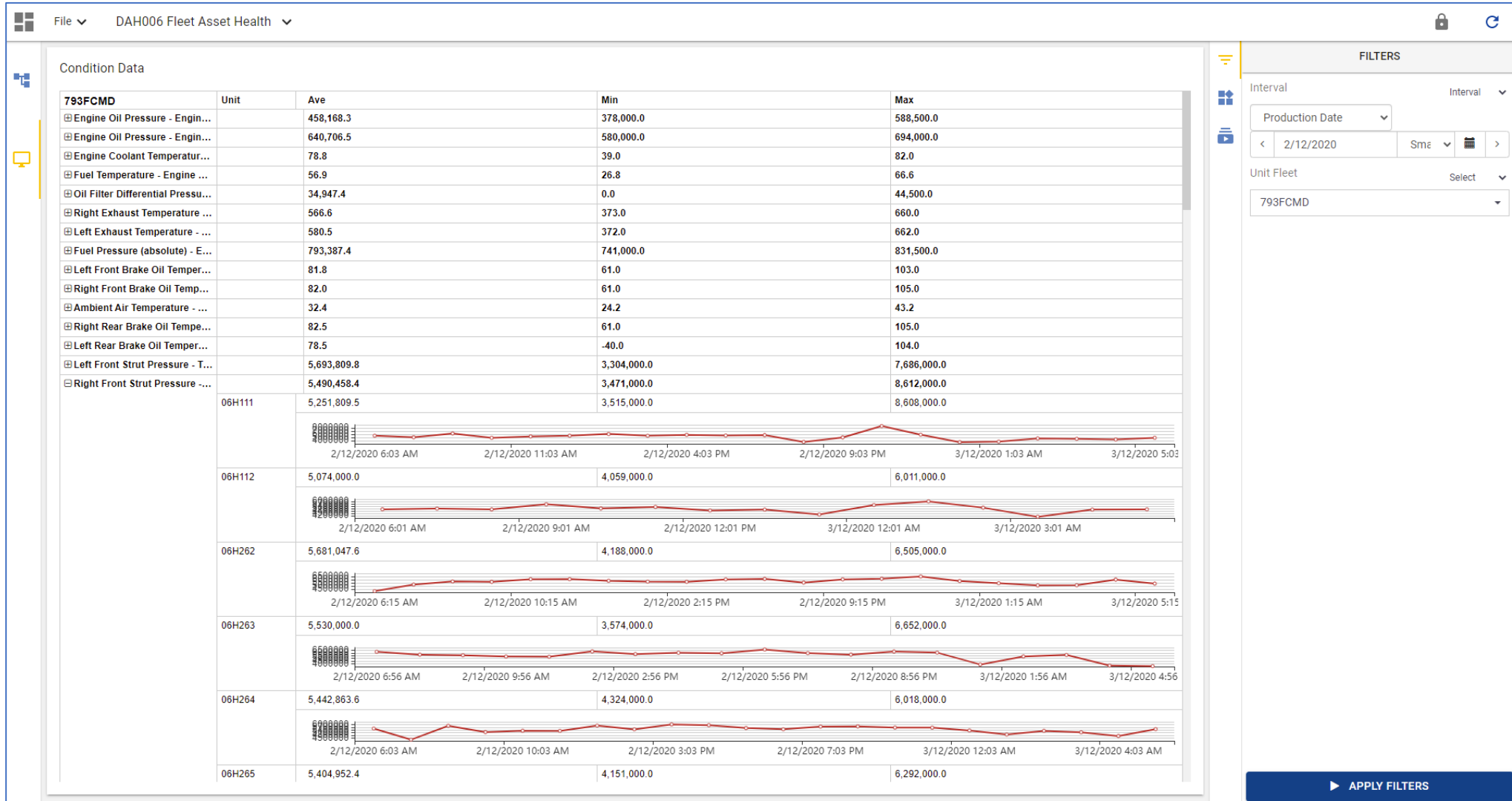
Health And Event



Condition Data



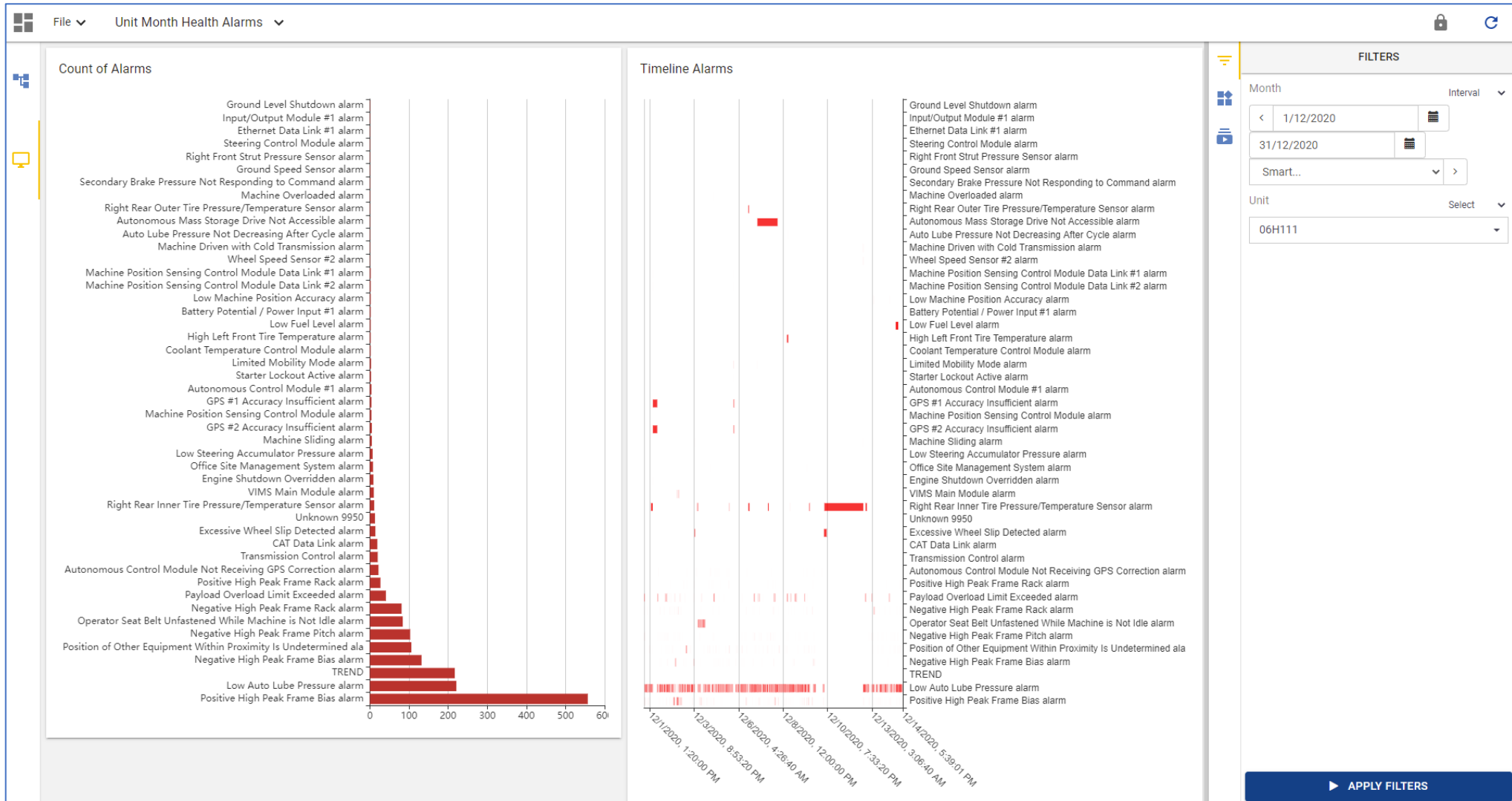
DAH006 – Fleet Asset Health



DAH007 – Unit Asset Cumulative



DAH008 – Month Health



DAH009 – Last Health

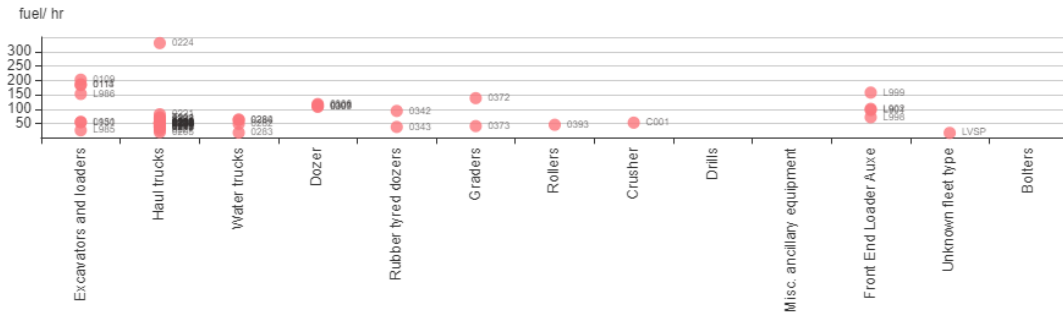
File ▾ Last Health Data ▾ ●

Last Health readings by Type

			CUMULATIVE	J1939	TPI_DIAGN	TPI_EVENT	TREND	UNKNOWN	VIMS3GD	VIMS3GE
Haul trucks	Caterpillar 79...	06H111	Mon, Dec 14, 2020	Sat, Dec 12, 2020			Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H112	Mon, Dec 14, 2020	Sun, Dec 6, 2020			Thu, Dec 10, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H262	Mon, Dec 14, 2020	Fri, Dec 4, 2020			Mon, Dec 14, 2020	Fri, Dec 11, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H263	Mon, Dec 7, 2020	Fri, Dec 4, 2020			Mon, Dec 7, 2020	Sun, Dec 6, 2020	Mon, Dec 7, 2020	Mon, Dec 7, 2020
		06H264	Mon, Dec 14, 2020	Fri, Dec 4, 2020			Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H265	Thu, Dec 10, 2020	Thu, Dec 10, 2020			Thu, Dec 10, 2020	Wed, Dec 9, 2020	Thu, Dec 10, 2020	Thu, Dec 10, 2020
		06H266	Mon, Dec 14, 2020	Thu, Dec 10, 2020			Mon, Dec 14, 2020	Mon, Dec 14, 2020	Sun, Dec 13, 2020	Mon, Dec 14, 2020
		06H273	Mon, Dec 14, 2020	Sat, Nov 21, 2020			Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H310	Mon, Dec 14, 2020	Tue, Dec 1, 2020			Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H311	Mon, Dec 14, 2020	Mon, Dec 14, 2020			Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H312	Mon, Dec 14, 2020	Fri, Dec 11, 2020			Fri, Dec 11, 2020	Thu, Dec 10, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H314	Mon, Dec 14, 2020	Wed, Dec 9, 2020			Mon, Dec 14, 2020	Thu, Dec 10, 2020	Thu, Dec 10, 2020	Mon, Dec 14, 2020
		06H315	Mon, Dec 14, 2020	Mon, Dec 14, 2020			Thu, Dec 10, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H316	Mon, Dec 14, 2020	Thu, Dec 10, 2020			Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H317	Mon, Dec 14, 2020	Tue, Dec 1, 2020			Sun, Dec 13, 2020	Sat, Dec 12, 2020	Sat, Dec 12, 2020	Mon, Dec 14, 2020
		06H318	Mon, Dec 14, 2020	Sat, Dec 5, 2020			Mon, Dec 14, 2020	Sun, Dec 13, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H319	Mon, Dec 14, 2020	Thu, Nov 26, 2020			Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H321	Mon, Dec 14, 2020	Tue, Dec 1, 2020			Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H323	Mon, Dec 14, 2020	Sun, Dec 13, 2020			Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H324	Mon, Dec 14, 2020	Sat, Nov 14, 2020			Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H542	Mon, Dec 14, 2020				Mon, Dec 14, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H543	Mon, Dec 14, 2020				Sun, Dec 13, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H544	Mon, Dec 14, 2020				Fri, Dec 11, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H545	Mon, Dec 14, 2020				Mon, Dec 14, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H546	Mon, Dec 14, 2020				Sat, Dec 12, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H547	Mon, Dec 14, 2020				Mon, Dec 14, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H548	Mon, Dec 14, 2020				Mon, Dec 14, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H549	Mon, Dec 14, 2020				Mon, Dec 14, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H550	Mon, Dec 14, 2020				Mon, Dec 14, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H551	Mon, Dec 14, 2020				Sat, Dec 12, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H618	Mon, Dec 14, 2020				Mon, Dec 14, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H619	Mon, Dec 14, 2020				Mon, Dec 14, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H620	Fri, Dec 11, 2020				Fri, Dec 11, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H621	Mon, Dec 14, 2020				Mon, Dec 14, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020
		06H622	Sat, Dec 12, 2020				Sat, Dec 12, 2020		Sat, Dec 12, 2020	Sat, Dec 12, 2020
		06H623	Mon, Dec 14, 2020				Mon, Dec 14, 2020		Mon, Dec 14, 2020	Mon, Dec 14, 2020

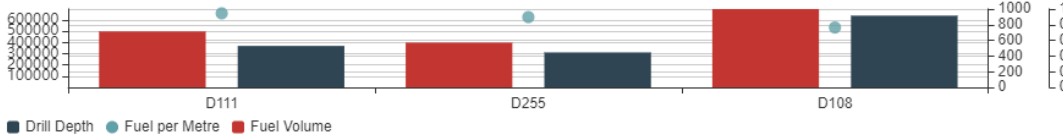
DAH010 – Fuel

Fuel Per Hour

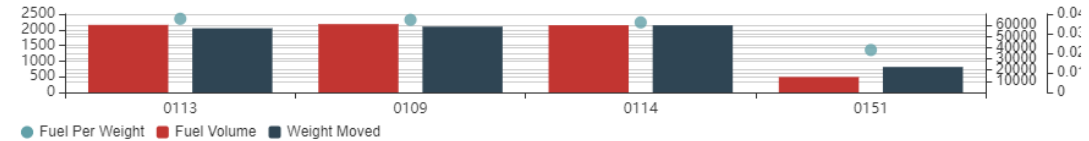


	Fuel	VP Hours	Engine Hours	Fuel/VP Hour	Fuel/Engine Hr
Excavators and loaders	8,385	60.2	0.0	139.4	549,168.7
Haul trucks	28,286	553.0	0.1	51.2	216,377.6
Water trucks	2,767	62.1	0.0	44.6	169,185.3
Dozer	9,778	87.3	0.0	112.1	452,164.2
Rubber tyred dozers	1,947	29.9	0.0	65.2	278,937.6
Graders	1,333	24.2	0.0	55.1	194,400.0
Rollers	167	3.7	0.0	45.4	181,504.2
Crusher	831	15.8	0.0	52.6	217,636.0
Drills	1,600				
Misc. ancillary equipment	2,208		0.0		217,863.9
Front End Loader Auxe	6,903	63.4	0.0	108.9	451,769.1
Unknown fleet type	409	24.0	0.0	17.0	68,133.3
Bolters	1,322		0.0		220,326.7

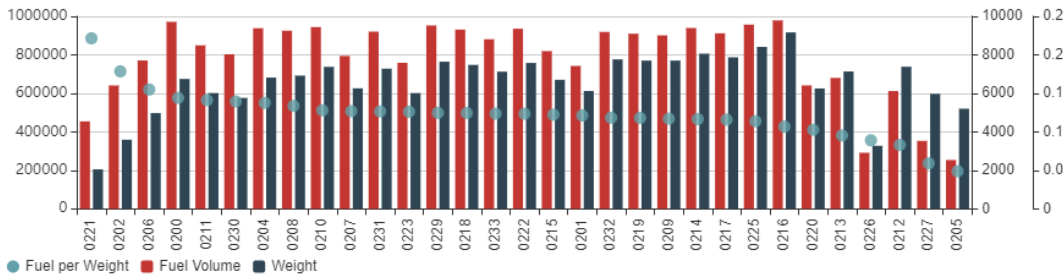
Drilling Fuel



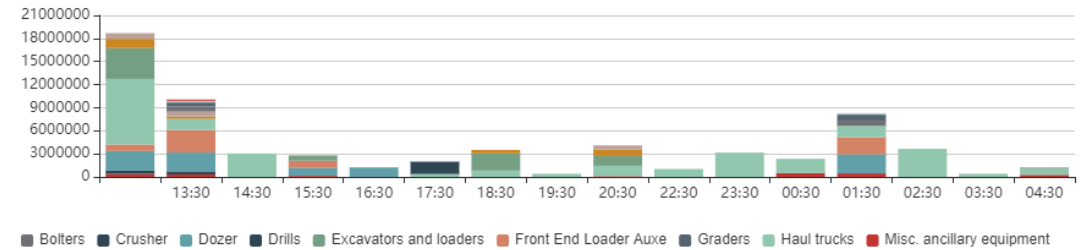
Shovel Fuel



Truck Fuel



Fuel Usage





Standard Dashboards

Drilling

DDR001 – Drilling

DDR002 – Drilling Profile

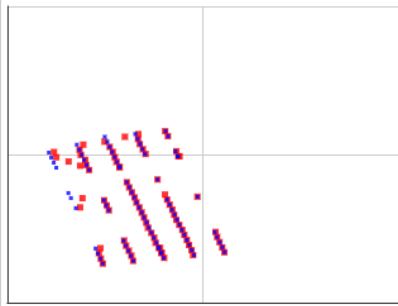
DDR003 – Hole Overview

DDR001 – Drilling

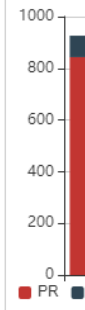
Drill Distance and Accuracy

Drill pattern and accuracy

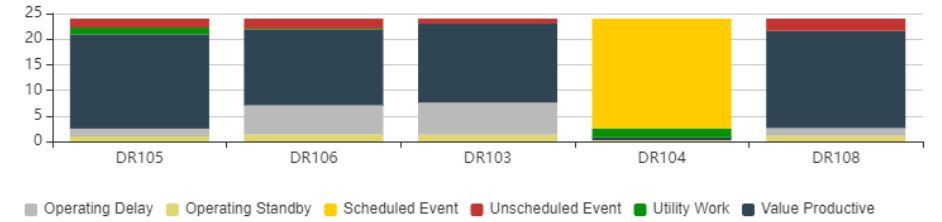
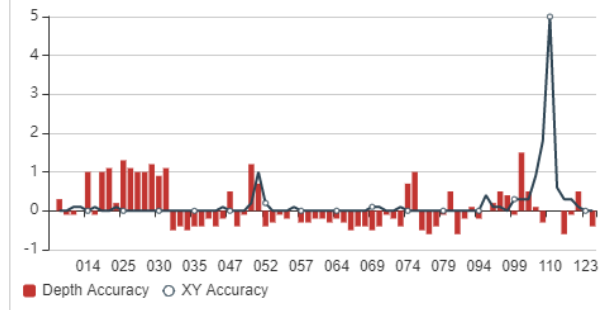
Pit1/360/14



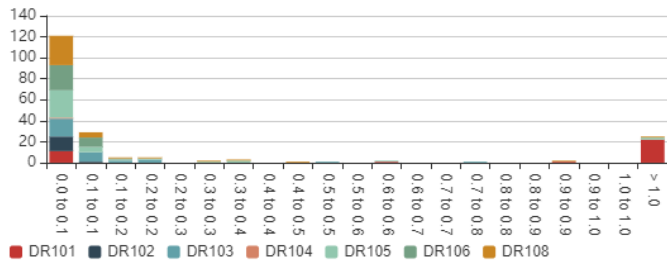
Holetype



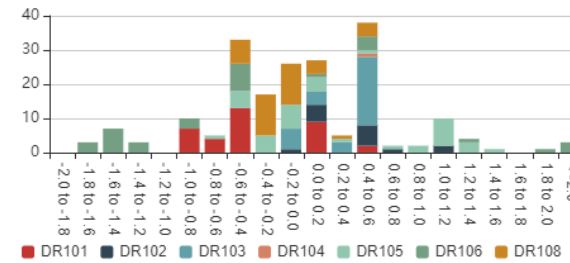
Hole Accuracy



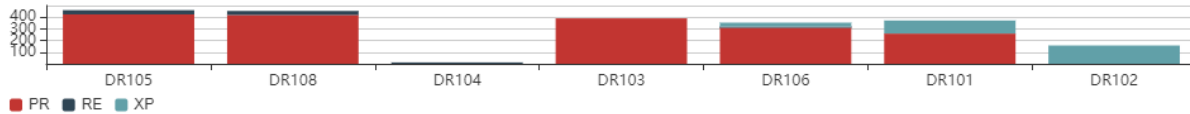
Collar XY Accuracy



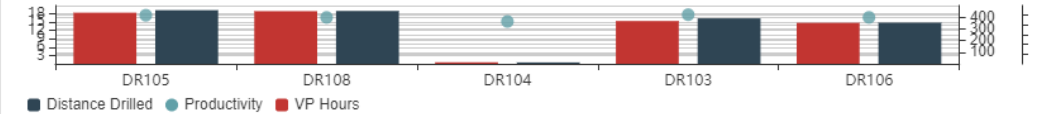
Depth Accuracy



Drilling by Holetype

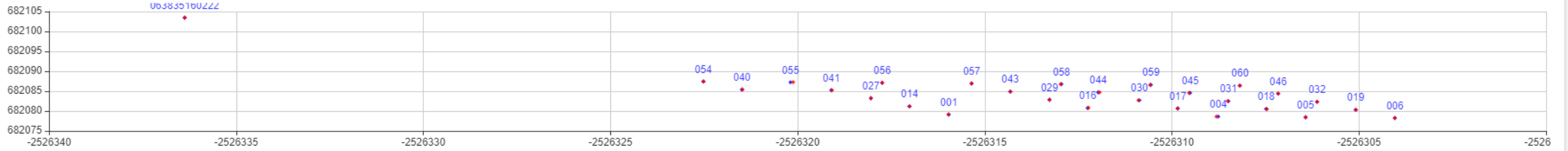


Productivity

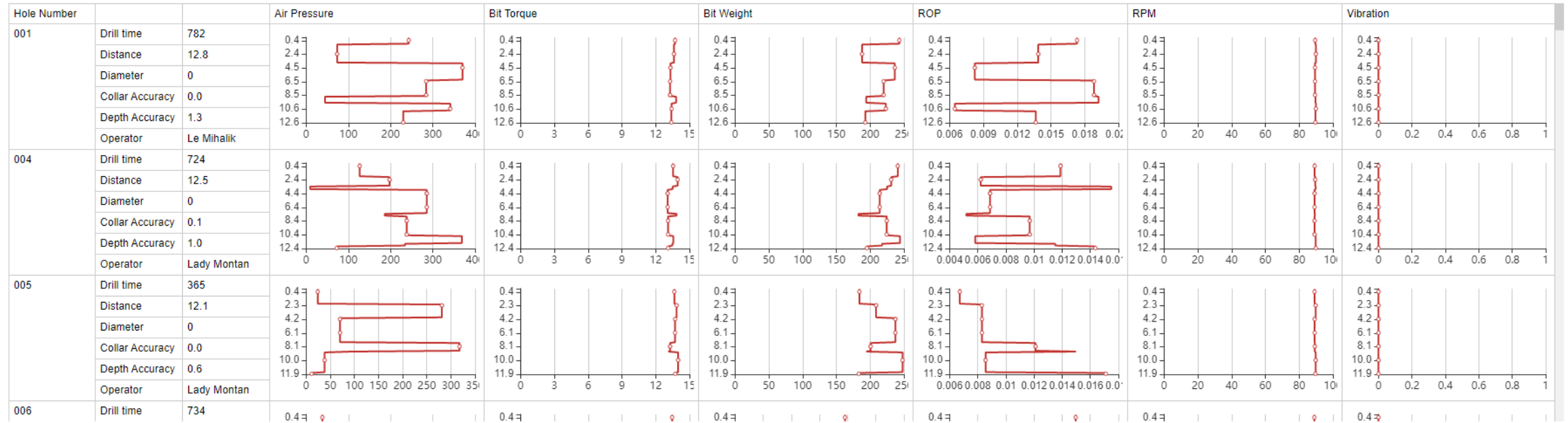


DDR002 – Drilling Profile

Hole Map



Downhole Data

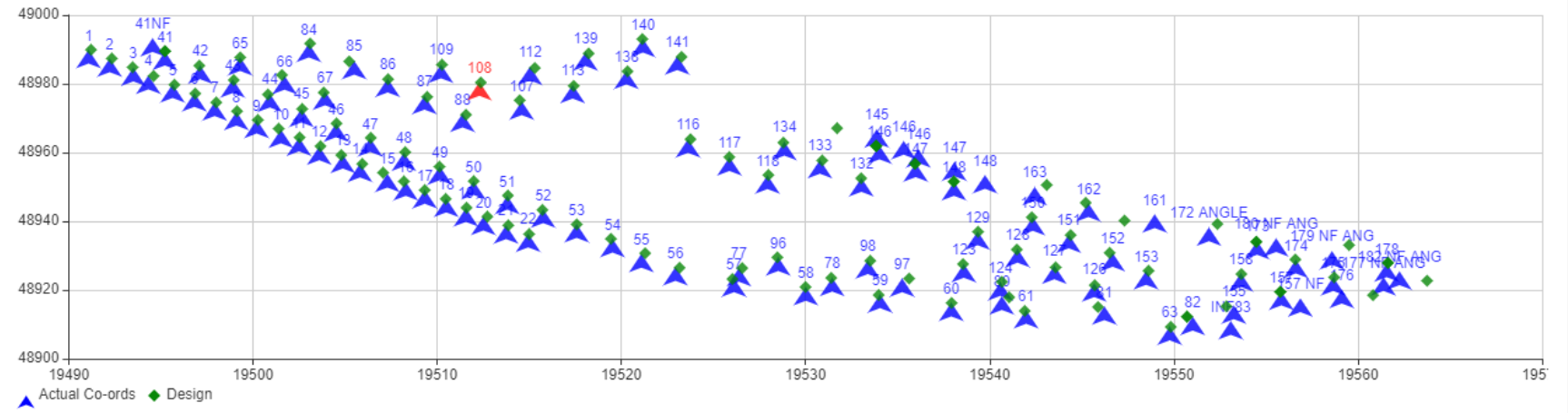


DDR003 – Hole Overview

Hole Summary

Hole Overview	460-2347
Hole Number	108
Date	2/01/2015
Shift	D
Unit	DR492
Start Time	2/01/2015 2:43 PM
End Time	2/01/2015 2:56 PM
Operator	UNKNOWN
Design Co-ordinates	(19,512.4, 48,980.4, -310.0)
Actual Co-ordinates	(19,512.3, 48,980.6, -310.9)
Design Bottom	(19,512.4, 48,980.4, -322.2)
Actual Bottom	(19,512.4, 48,980.4, -322.2)
Bottom Error	0.2
Bottom XY Error	0.2

Hole Location



Downhole Data

