

		2020 Cat CVA Planned Maintenance Schedule - Large Excavators																			
		See Contract for applicable intervals.																			
	Sales Model	336ELNH	336ELH	336DL	336DL	336EL	336	336	336FL	345DL	345L	336-07G	336-07GF	340LRE	340SB	340UND	349F L	352F	352F	352F (VG)	352F LRE
Interval	Serial Number Prefix	SSL	RZL	W3K	ZML	FJH	BZY	RKB	TZA	EEH	TFG, MPZ	DKS, YBN	EBJ, GSF	GMJ, WDN	TMK, SZT	XBD, DWK, WBX	HPD, BZ2, KEA	NDC	KBP, WNA	A9J, YEG	RBF, WYA, XAL
250 Hours	Fluids SOS - Number of bottles and analysis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Hydraulic System Oil Filter (Pilot)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic System Oil Filter (Return)	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Service Kit	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic Sytem Filter Element (Fine Filtration)	-	-	-	-	X	X	X	X	X	-	X	-	-	-	-	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
500 Hours	SOS Coolant Sample Level 2 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	X	X
	Fuel Secondary Filter Element	X (x2 qty.)	X (x2 qty.)	X	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X	X (x2 qty.)	-	-	-	-	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic Sytem Filter Element (Fine Filtration)	-	-	-	-	X	X	X	X	-	X	-	-	-	-	-	-	X	X	X	X
750 Hours	Fluids SOS - Number of bottles and analysis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1,000 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Engine Air Primary Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Engine Air Secondary Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Filter Element	X (x2 qty.)	X (x2 qty.)	X	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X	X (x2 qty.)	-	-	-	-	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic System Oil Filter (Pilot)	X	X	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	X	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic Sytem Filter Element (Fine Filtration)	-	-	-	-	X	X	X	X	-	X	-	-	-	-	-	-	X	X	X	X
1,250 Hours	Fluids SOS - Number of bottles and analysis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	-	-	-	-	X	X	X	X	X	X
	Fuel Secondary Filter Element	X (x2 qty.)	X (x2 qty.)	X	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X	X (x2 qty.)	-	-	-	-	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic Sytem Filter Element (Fine Filtration)	-	-	-	-	X	X	X	X	-	X	-	-	-	-	-	-	X	X	X	X
1,750 Hours	Fluids SOS - Number of bottles and analysis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2,000 Hours	SOS Coolant Sample Level 2 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Engine Air Primary Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Engine Air Secondary Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Filter Element	X (x2 qty.)	X (x2 qty.)	X	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X	X (x2 qty.)	-	-	-	-	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Fumes Disposal Element	X	X	-	-	X	X	-	-	-	-	X	-	-	-	-	-	X	-	X	-
	Hydraulic System Oil Filter (Pilot)	X	X	X	X	X	X	X	X	X	X	X	-	-	-	-	X	X	X	X	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic System Oil Filter (Return)	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
		Service Kit	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic Sytem Filter Element (Fine Filtration)	-	-	-	-	X	X	X	X	-	X	-	-	-	-	-	-	X	X	X	X
	Fuel Tank Cap	X	X	X	-	-	-	-	-	-	-	-	X	X	X	-	-	-	-	-	-
2,250 Hours	Fluids SOS - Number of bottles and analysis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	X	X
	Fuel Secondary Filter Element	X (x2 qty.)	X (x2 qty.)	X	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X	X (x2 qty.)	-	-	-	-	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic Sytem Filter Element (Fine Filtration)	-	-	-	-	X	X	X	X	-	X	-	-	-	-	-	-	X	X	X	X
2,750 Hours	Fluids SOS - Number of bottles and analysis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3,000 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Engine Air Primary Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Engine Air Secondary Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Filter Element	X (x2 qty.)	X (x2 qty.)	X	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X	X (x2 qty.)	-	-	-	-	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic System Oil Filter (Pilot)	X	X	X	X	X	X	X	X	X	X	-	-	-	-	X	X	X	X	X	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic Sytem Filter Element (Fine Filtration)	-	-	-	-	X	X	X	X	-	X	-	-	-	-	-	-	X	X	X	X
3,250 Hours	Fluids SOS - Number of bottles and analysis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	X	X
	Fuel Secondary Filter Element	X (x2 qty.)	X (x2 qty.)	X	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X	X (x2 qty.)	-	-	-	-	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic Sytem Filter Element (Fine Filtration)	-	-	-	-	X	X	X	X	-	X	-	-	-	-	-	-	X	X	X	X
3,750 Hours	Fluids SOS - Number of bottles and analysis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	SOS Coolant Sample Level 2 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Engine Air Primary Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Engine Air Secondary Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

4,600 Hours	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Filter Element	X (x2 qty.)	X (x2 qty.)	X	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X	X (x2 qty.)	-	-	-	-	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Fumes Disposal Element	X	X	-	-	X	X	-	-	-	X	-	X	-	-	-	-	X	-	X	-	-
	Hydraulic System Oil Filter (Pilot)	X	X	X	X	X	X	X	X	X	X	-	-	-	-	X	X	X	X	X	X	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic System Oil Filter (Return)	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Service Kit	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic Sytem Filter Element (Fine Filtration)	-	-	-	-	X	X	X	X	X	-	X	-	-	-	-	-	X	X	X	X	X
	Fuel Tank Cap	X	X	X	-	-	-	-	-	-	-	X	X	X	X	-	-	-	-	-	-	-
4,250 Hours	Fluids SOS - Number of bottles and analysis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	X	X	X
	Fuel Secondary Filter Element	X (x2 qty.)	X (x2 qty.)	X	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X	X (x2 qty.)	-	-	-	-	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic Sytem Filter Element (Fine Filtration)	-	-	-	-	X	X	X	X	X	-	X	-	-	-	-	-	X	X	X	X	X
4,750 Hours	Fluids SOS - Number of bottles and analysis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5,000 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Engine Air Primary Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Engine Air Secondary Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Filter Element	X (x2 qty.)	X (x2 qty.)	X	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X	X (x2 qty.)	-	-	-	-	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic System Oil Filter (Pilot)	X	X	X	X	X	X	X	X	X	X	-	-	-	-	X	X	X	X	X	X	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	X	X	X	X	X	X	X (x2 qty.)	X (x2 qty.)	-	-	-	X	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)	X (x2 qty.)
	Hydraulic Sytem Filter Element (Fine Filtration)	-	-	-	-	X	X	X	X	X	-	X	-	-	-	-	-	X	X	X	X	X

EXCLUSIONS

Ensure that all safety information, warnings, and instructions are read and understood before any operation or any maintenance procedures are performed. The user is responsible for the performance of maintenance, including all adjustments, the use of proper lubricants, fluids, filters, and the replacement of components due to normal wear and aging. Failure to adhere to proper maintenance intervals and procedures may result in diminished performance of the product and/or accelerated wear of components. Use mileage, fuel consumption, service hours, or calendar time, WHICHEVER OCCURS FIRST, to determine the maintenance intervals. Models in the above table with 1,000 hour oil drain intervals assumes the machine is operated in a Standard Service Application, utilizes Cat Recommended Fluids and maintains timely SOS sampling. Consult model and serial number specific OMM for alternate drain and maintenance options. The maintenance activities in the table above reflect commonly required activities. Machines may require more frequent maintenance and/or additional parts, depending on factors such as hammer use, severe applications or extreme operating and environmental conditions. This chart is not intended to be a comprehensive list of all maintenance activities that may be recommended or required and may not contain fluids, maintenance schedules or additional requirements associated with the above maintenance activities. Refer to your CVA contract for specific terms associated with the agreement. Some recommended maintenance activities excluded from CVA contracts are listed below.

- * Valve gaskets excluded for valve lash checks.
- *** Coolant is recommended to be replaced every 2 years, unless extended by utilizing Extended Life Coolant (ELC) additive.
- *** The maintenance manual recommends cleaning or replacing the DPF with a new or remanufactured DPF every 5000 hours
- **** Seat Belts are recommended to be replaced every 3 years.
- ***** A/C Dryers are recommended to be replaced every 2000 hour interval.
- ***** Radiator caps are recommended to be replaced every 3000 hour interval.
- I Fluids data for informational purposes only and are not provided in parts-only CVA's unless expressly stated in your contract.

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