

2020 Cat CVA Planned Maintenance Schedule - Medium Excavators

See Contract for applicable intervals.

Sales Model		320	320 GC	323	325F L	326F L	326F L	330	330 GC	335F LCR	335F LCR
Interval	Serial Number Prefix	HEX	KTN	RAZ	NDJ, XAA, RBW, YCA	FBR, WGL	JYM, KCK, MFJ	LHW, WCH	GDW	SGJ	KNE, FEP
250 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	3	3	3	3	3	3	3	3	3	3
	Hydraulic Oil Filter Pilot	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Case Drain	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Return	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Return Service Kit	-	-	-	X	X	-	-	-	X	X
500 Hours	SOS Coolant Sample Level 2 bottle and analysis	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
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	-	-	-	X	X
	Fuel Secondary Element	X	X	X	X	X	-	-	-	X	X
	Fuel Transfer Pump Strainer	X	X	X	-	-	-	-	-	-	-
750 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	3	3	3	3	3	3	3	3	3	3
1,000 Hours	SOS Coolant Sample Level 1 bottle and analysis	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
	Engine Air Primary Element	X	X	X	X	X	X	X	X	X	X
	Engine Air Secondary Element	X	X	X	X	X	X	X	X	X	X
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Element	X	X	X	X	X	X	X	X	X	X
	Fuel Transfer Pump Strainer	X	X	X	-	-	-	-	-	-	-
	Hydraulic Oil Filter Pilot	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Case Drain	-	-	-	X	X	-	-	-	X	X
1,250 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	3	3	3	3	3	3	3	3	3	3
1,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	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
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	-	-	-	X	X
	Fuel Secondary Element	X	X	X	X	X	-	-	-	X	X
	Fuel Transfer Pump Strainer	X	X	X	-	-	-	-	-	-	-
	Diesel Exhaust Pump	X	X	-	X	-	-	-	-	-	-
	Eng Crankcase Breather Element	-	-	-	X	X	-	-	-	X	X
1,750 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	3	3	3	3	3	3	3	3	3	3
	SOS Coolant Sample Level 2 bottle and analysis	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
	Engine Air Primary Element	X	X	X	X	X	X	X	X	X	X
	Engine Air Secondary Element	X	X	X	X	X	X	X	X	X	X

2,000 Hours	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Element	X	X	X	X	X	X	X	X	X	X
	Fuel Transfer Pump Strainer	X	X	X	-	-	-	-	-	-	-
	Hydraulic Oil Filter Pilot	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Case Drain	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Return	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Return Service Kit	-	-	-	X	X	-	-	-	X	X
	Eng Crankcase Breather Element	X	X	X	-	-	X	X	X	-	-
	Fuel Tank Cap	X	X	-	-	-	X	X	X	X	-
2,250 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	3	3	3	3	3	3	3	3	3	3
2,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	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
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	-	-	-	X	X
	Fuel Secondary Element	X	X	X	X	X	-	-	-	X	X
	Fuel Transfer Pump Strainer	X	X	X	-	-	-	-	-	-	-
2,750 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	3	3	3	3	3	3	3	3	3	3
3,000 Hours	SOS Coolant Sample Level 1 bottle and analysis	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
	Engine Air Primary Element	X	X	X	X	X	X	X	X	X	X
	Engine Air Secondary Element	X	X	X	X	X	X	X	X	X	X
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Element	X	X	X	X	X	X	X	X	X	X
	Fuel Transfer Pump Strainer	X	X	X	-	-	-	-	-	-	-
	Hydraulic Oil Filter Pilot	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Case Drain	-	-	-	X	X	-	-	-	X	X
	Diesel Exhaust Pump	X	X	-	X	-	-	-	-	-	-
	Eng Crankcase Breather Element	-	-	-	X	X	-	-	-	X	X
3,250 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	3	3	3	3	3	3	3	3	3	3
3,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	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
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	-	-	-	X	X
	Fuel Secondary Element	X	X	X	X	X	-	-	-	X	X
	Fuel Transfer Pump Strainer	X	X	X	-	-	-	-	-	-	-
3,750 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	3	3	3	3	3	3	3	3	3	3
	SOS Coolant Sample Level 2 bottle and analysis	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

4,000 Hours	Engine Air Primary Element	X	X	X	X	X	X	X	X	X	X
	Engine Air Secondary Element	X	X	X	X	X	X	X	X	X	X
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Element	X	X	X	X	X	X	X	X	X	X
	Fuel Transfer Pump Strainer	X	X	X	-	-	-	-	-	-	-
	Hydraulic Oil Filter Pilot	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Case Drain	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Return	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Return Service Kit	-	-	-	X	X	-	-	-	X	X
	Eng Crankcase Breather Element	X	X	X	-	-	X	X	X	-	-
	Fuel Tank Cap	X	X	-	-	-	X	X	X	X	-
4,250 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	3	3	3	3	3	3	3	3	3	3
4,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	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
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	-	-	-	X	X
	Fuel Secondary Element	X	X	X	X	X	-	-	-	X	X
	Fuel Transfer Pump Strainer	X	X	X	-	-	-	-	-	-	-
	Diesel Exhaust Pump	X	X	-	X	-	-	-	-	-	-
	Eng Crankcase Breather Element	-	-	-	X	X	-	-	-	X	X
4,750 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	3	3	3	3	3	3	3	3	3	3
5,000 Hours	SOS Coolant Sample Level 1 bottle and analysis	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
	Engine Air Primary Element	X	X	X	X	X	X	X	X	X	X
	Engine Air Secondary Element	X	X	X	X	X	X	X	X	X	X
	Engine Oil Filter Element	X	X	X	X	X	X	X	X	X	X
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Element	X	X	X	X	X	X	X	X	X	X
	Fuel Transfer Pump Strainer	X	X	X	-	-	-	-	-	-	-
	Hydraulic Oil Filter Pilot	-	-	-	X	X	-	-	-	X	X
	Hydraulic Oil Filter Case Drain	-	-	-	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, WHICH EVER 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.**
- !** **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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