

**2021 Cat Convenience - New Planned Maintenance Schedule - Small Hydraulic Excavators**  
See Contract for applicable intervals.

Sales Model		311FLRR	313FL GC	313FL	313-07	313-07GC	315FLCR	315-07	315-07GC	316FL	317-07	317-07GC	318FL
Interval	Serial Number Prefix	KCW, LZP	GJD,HDK	DJE	JHR	NFZ, RYT	TDY	WKX	LYW, FTY	YDL	TZE	ZCF	FFT, HCP
250 Hours	Hydraulic System Oil Filter (Pilot)	X	-	X	-	-	X	-	-	X	-	-	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	-	-	X	-	-	X	-	-	X
	Hydraulic System Oil Filter (Return)	X	X	X	-	-	X	-	-	X	-	-	X
	Service Kit	X	-	-	-	-	-	-	-	-	-	-	-
	Fluids SOS - Number of bottles and analysis	1	1	1	1	1	1	1	1	1	1	1	1
500 Hours	SOS Coolant Sample Level 2 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	4	4	5	4	4	5	4	4	5
	Engine Oil Filter Element	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
	Fuel Secondary Element	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
1,000 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	4	4	5	4	4	5	4	4	5
	Primary Air Filter Element	X	X	X	X	X	X	X	X	X	X	X	X
	Secondary Air Filter Element	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
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Element	X	X	X	-	-	X	-	-	X	X	-	X
	Hydraulic System Oil Filter (Pilot)	X	-	X	-	-	X	-	-	X	-	-	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	-	-	X	-	-	X	-	-	X
	Fuel Tank Cap	X	X	X	-	-	X	-	-	X	-	-	X
	Cab Air Filter Recirculating	X	X	X	X	X	X	X	X	X	X	X	X
	Cab Air Filter Fresh	X	X	X	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
1,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	4	4	5	4	4	5	4	4	5
	Engine Oil Filter Element	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
	Fuel Secondary Element	X	X	X	-	-	X	-	-	X	X	-	X
	Crankcase Breather Filter Element	X	X	-	-	-	-	-	-	-	-	-	-
	Crankcase Breather Filter Spring	X	X	-	-	-	-	-	-	-	-	-	-
	Crankcase Breather Filter Seal	X	X	-	-	-	-	-	-	-	-	-	-
	Crankcase Breather Filter Seal O Ring	X	X	-	-	-	-	-	-	-	-	-	-
	Fumes Disposal Filter	-	-	X	-	-	X	-	-	X	-	-	X
Diesel Exhaust Fluid Filter	-	-	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

2,000 Hours	SOS Coolant Sample Level 2 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	4	4	5	4	4	5	4	4	5
	Primary Air Filter Element	X	X	X	X	X	X	X	X	X	X	X	X
	Secondary Air Filter Element	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
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Element	X	X	X	-	-	X	-	-	X	X	-	X
	Hydraulic System Oil Filter (Pilot)	X	-	X	-	-	X	-	-	X	-	-	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	-	-	X	-	-	X	-	-	X
	Hydraulic System Oil Filter (Return)	X	X	X	-	-	X	-	-	X	-	-	X
	Service Kit	X	-	-	-	-	-	-	-	-	-	-	-
	Fuel Tank Cap	X	X	X	X	X	X	X	X	X	X	X	X
	Cab Air Filter Recirculating	X	X	X	X	X	X	X	X	X	X	X	X
Cab Air Filter Fresh	X	X	X	X	X	X	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
2,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	4	4	5	4	4	5	4	4	5
	Engine Oil Filter Element	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
	Fuel Secondary Element	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
3,000 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	4	4	5	4	4	5	4	4	5
	Primary Air Filter Element	X	X	X	X	X	X	X	X	X	X	X	X
	Secondary Air Filter Element	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
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Element	X	X	X	-	-	X	-	-	X	X	-	X
	Fuel Transfer Pump Strainer	-	-	X	-	-	X	-	-	X	-	-	X
	Hydraulic System Oil Filter (Pilot)	X	-	X	-	-	X	-	-	X	-	-	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	-	-	X	-	-	X	-	-	X
	Hydraulic System Oil Filter (Return)	-	-	-	X	X	-	X	X	-	X	X	-
	Fuel Tank Cap	X	X	X	-	-	X	-	-	X	-	-	X
	Crankcase Breather Filter Element	X	X	-	-	-	-	-	-	-	-	-	-
	Crankcase Breather Filter Spring	X	X	-	-	-	-	-	-	-	-	-	-
	Crankcase Breather Filter Seal	X	X	-	-	-	-	-	-	-	-	-	-
	Crankcase Breather Filter Seal O Ring	X	X	-	-	-	-	-	-	-	-	-	-
	Fumes Disposal Filter	-	-	X	-	-	X	-	-	X	-	-	X
Diesel Exhaust Fluid Filter	-	-	X	-	-	X	-	-	X	-	-	X	
Cab Air Filter Recirculating	X	X	X	X	X	X	X	X	X	X	X	X	
Cab Air Filter Fresh	X	X	X	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

3,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	4	4	5	4	4	5	4	4	5
	Engine Oil Filter Element	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
	Fuel Secondary Element	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
4,000 Hours	SOS Coolant Sample Level 2 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	4	4	5	4	4	5	4	4	5
	Primary Air Filter Element	X	X	X	X	X	X	X	X	X	X	X	X
	Secondary Air Filter Element	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
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Element	X	X	X	-	-	X	-	-	X	X	-	X
	Hydraulic System Oil Filter (Pilot)	X	-	X	-	-	X	-	-	X	-	-	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	-	-	X	-	-	X	-	-	X
	Hydraulic System Oil Filter (Return)	X	X	X	-	-	X	-	-	X	-	-	X
	Service Kit	X	-	-	-	-	-	-	-	-	-	-	-
	Fuel Tank Cap	X	X	X	X	X	X	X	X	X	X	X	X
	Cab Air Filter Recirculating	X	X	X	X	X	X	X	X	X	X	X	X
Cab Air Filter Fresh	X	X	X	X	X	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
4,500 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	4	4	5	4	4	5	4	4	5
	Engine Oil Filter Element	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
	Fuel Secondary Element	X	X	X	-	-	X	-	-	X	X	-	X
	Crankcase Breather Filter Element	X	X	-	-	-	-	-	-	-	-	-	-
	Crankcase Breather Filter Spring	X	X	-	-	-	-	-	-	-	-	-	-
	Crankcase Breather Filter Seal	X	X	-	-	-	-	-	-	-	-	-	-
	Crankcase Breather Filter Seal O Ring	X	X	-	-	-	-	-	-	-	-	-	-
	Fumes Disposal Filter	-	-	X	-	-	X	-	-	X	-	-	X
Diesel Exhaust Fluid Filter	-	-	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

5,000 Hours	SOS Coolant Sample Level 1 bottle and analysis	X	X	X	X	X	X	X	X	X	X	X	X
	Fluids SOS - Number of bottles and analysis	5	5	5	4	4	5	4	4	5	4	4	5
	Primary Air Filter Element	X	X	X	X	X	X	X	X	X	X	X	X
	Secondary Air Filter Element	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
	Fuel Water Separator Element	X	X	X	X	X	X	X	X	X	X	X	X
	Fuel Secondary Element	X	X	X	-	-	X	-	-	X	X	-	X
	Hydraulic System Oil Filter (Pilot)	X	-	X	-	-	X	-	-	X	-	-	X
	Hydraulic System Oil Filter (Case Drain)	X	X	X	-	-	X	-	-	X	-	-	X
	Fuel Tank Cap	X	X	X	-	-	X	-	-	X	-	-	X
	Cab Air Filter Recirculating	X	X	X	X	X	X	X	X	X	X	X	X
	Cab Air Filter Fresh	X	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, WHICH EVER OCCURS FIRST, to determine the maintenance intervals. Consult the OMM specific to the serial number in question.

Products that operate in severe operating conditions or use Hammer attachments may require more frequent maintenance and/or additional parts. 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 Used - Convenienceed by utilizing Used - Convenienceed Life Coolant (ELC) additive.
  - \*\*\* The maintenance manual recommends cleaning or replacing the DPF with a new or remanufactured DPF every 5000 hours
  - \*\*\*\* Other Emissions related parts and components (typically replaced at 5000 hour intervals) are excluded unless expressly stated.
  - \*\*\*\*\* Seat Belts are recommended to be replaced every 3 years.
  - \*\*\*\*\* A/C Dryers are recommended to be replaced every 2000 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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