

Running Maintenance Schedule for the Lubricating Oil System



GE

Transportation

The table displays the GE-recommended running maintenance schedule for the lubricating oil system and its major components.

Item	Recommendation
Daily or Trip	
Lubricating Oil System	While the engine is idling, make a visual inspection of the engine, lubricating oil pump, oil cooler, oil filter, pre-lube pump, and all system piping for oil leaks. Make corrections as necessary.
Diesel Engine	Check the oil level with the engine at IDLE. Collect an oil sample every 7–10 days. Make a complete laboratory analysis to determine if the oil is suitable for continued use. If acceptable, fill the oil to the FULL mark on the dipstick with GE-approved lubricating oil. If not acceptable, find and fix the root cause of the contaminated oil, and then change the oil and filters.
Every 184 Days	
Lubricating Oil Filters and Oil Change	Drain the oil from the lubricating oil system. Remove the 10 filter elements from the oil filter tank, clean the inside of the tank, install new filters, and fill the engine with oil to the proper level on the dipstick. Run Self-Test 314 (315 for Pre-production Locomotives only) and watch the oil pressure (ELIP) on the smart display. When pressure increases above 1 psi, check the oil and add more as necessary.
Coalescer System	Visually inspect the coalescer and hoses for any damage, holes, or tears. Clean the eductor tube in the exhaust stack.

