

Running Maintenance Schedule for the Compressed Air System



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

Item	Recommendation
Daily or Trip	
Air Compressor	Check the oil level; add oil as needed. Open the aftercooler petcocks each time the oil level is checked. This allows accumulated moisture and small amounts of lubricant to be exhausted. Close petcocks when moisture has been drained. Collect an oil sample every seven to ten days and perform 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 or gauge with a GE-approved lubricating oil (GE spec D6B11D3). If not acceptable, find and fix the root cause of contaminated oil, and then change the oil.
Air Dryer (if equipped)	Check the humidity indicator. A blue color indicates that the dryer is functioning properly. Lavender, white, yellow, or brown indicates possible dryer damage, and further dryer inspection is required.
Every 184 Days	
Air Compressor	Check the operation of the compressor load/unload system.
Every Year	
Air Compressor	Replace the air inlet filters. Clean the exterior of the intercooler and inspect for leakage. Check the operation of load/unload system. Drain and replace the oil with new oil (GE spec D6B11D3; capacity 16 gallons). Clean the oil sump screen when you change the oil.
J1 Safety Valve	Check operation; the valve should open at 150 psi.
MR & Auxiliary Final Air Filters	Change the filters.
Air Dryer (if equipped)	Change the coalescer element.
Direct Line (DL) Air Filter (in air supply pipe to Univalve and Shutter Control Magnet Valves)	Change the filter.
DL Air Filter (in air supply pipe to Compressor Magnet Valve)	Change the filter.



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Vent Valve	Replace the vent valve with a reconditioned valve.
Every Five Years	
Air Compressor	Replace the tinsel, brass, and valve located in the crankcase breather.

