



OREGON STATE FIRE MARSHAL

ENGINE PROGRAM

OREGON STATE FIRE MARSHAL
3991 FAIRVIEW INDUSTRIAL DR. SE
SALEM, OR 97302
503-378-3473

OPERATIONS BULLETIN # 25-01

Date: 1/21/25
Apparatus: Type 3 - 2024 & 2025 International HV507
Type 6 - 2023 Ford F550
Tactical Tender - 2024 Freightliner M2112
Subject: Maintenance Schedule

Recipient Agencies shall properly maintain the OSFM owned apparatus per manufacturer recommended maintenance schedules. Each type of apparatus (Type 3, Type 6, Tactical Tender) has a specific maintenance schedule. The schedule for each apparatus is included below and can also be found on the [OSFM Engine Program website](#). The maintenance schedules provide recipient agencies with the recommended level of preventative maintenance.

Please complete a Maintenance and Reimbursement request form anytime maintenance is performed on an OSFM-owned apparatus. The Maintenance and Reimbursement form can be found and completed on the [OSFM Engine Program website](#).

There is a Maintenance Schedule for each type of apparatus that is tracked in Fleetio (Fleet Maintenance Management Software). Fleetio will also be used to produce reports that will be shared with recipient agencies when their apparatus is overdue or due soon for maintenance.



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Type 3 Maintenance Schedule	
Initial 5,000 miles	Transfer Case Fluid Drain & Refill
Every 3 months	Type 3 - 3 Month Inspection: <ul style="list-style-type: none"> •Air Cleaner Restriction Check •Charge Air Piping Check •Charge Air Cooler Check
Every 6 months	Type 3 - 6 Month Inspection: <ul style="list-style-type: none"> •Battery Check •Battery Cables and Connection Check •Radiator Pressure Cap Check •Crank Case Ventilation
Every 1 Year	Pump Test Auxiliary Pump Oil Replacement PTO Pump Gearbox Oil Replacement Type 3 - 1 Year Inspection: <ul style="list-style-type: none"> •Air Conditioning System Inspect •Automatic Water Pump Check •Belt Tensioner Check •Drive Belt Cooling Fan Check •Brake Inspection •Power Steering System Inspect
Every 18 months or 8,000 miles	Engine Oil & Filter Replacement
Every 15,000 miles	Transfer Case Fluid Drain & Refill
Every 2 years or 15,000 miles	Cabin Air Filter Replacement Engine Air Filter Replacement
Every 50,000 miles	Differential Fluid Replacement Engine Coolant Drain & Refill
Every 18 months or 50,000 miles	Fuel Filter Replacement
Every 2 years or 60,000 miles	Coolant System Flush
Every 100,000 miles	Air Dryer Desiccant Cartridge Replacement Transmission Fluid Drain & Refill
Every 2 year(s) or 100,000 miles	Type 3 - 100,000 Mile or 2 Year Inspection: <ul style="list-style-type: none"> •Engine Cleaning •Vibration Damper Rubber Check •Vibration Damper Viscous Check •Air Compressor Discharge Lines Check
Every 150,000 miles	Air Intake Connection Clean Engine Brake Assembly Adjustment Overhead Set Adjustment
Every 200,000 miles	Diesel Exhaust Fluid Filter Change Diesel Particulate Filter Clean



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Type 6 Maintenance Schedule	
Every 1 year	Pump Test - Operational Check Auxiliary Pump Oil & Filter Replacement
Every 1 year or 2,500 miles	Tire Rotation Front Body Mount Springs Inspection
Every 1 year or 5,000 miles	Engine Oil & Filter Replacement Type 6 - 1 Year or 5,000 Mile Inspection: <ul style="list-style-type: none"> •Rear Body Mount Bolts Inspection •Steering Idler Arm Inspection •Suspension Ball Joint Inspect •Tie Rod Inspect
Every 10,000 miles	Vehicle Multi-Point Inspection
Every 15,000 miles	Fuel Filter Replacement
Every 20,000 miles	Cabin Air Filter Replacement
Every 30,000 miles	Engine Air Filter Replacement
Every 50,000 miles	Diesel Foam Air Filter Replacement
Every 150,000 miles	Automatic Transmission Filter Replacement Engine Drive Belt Replacement Front Drive Axle Assembly Drain & Refill Rear Drive Axle Assembly Drain & Refill Transfer Case Fluid Drain & Refill Transmission Fluid Drain & Refill
Every 200,000 miles	Engine Coolant Drain & Refill



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Tender Maintenance Schedule	
Every 1 Year	Pump Test PTO Pump Gearbox Oil Replacement
Every 8,000 miles	Bendix Air Dryer Desiccant Replacement Cabin Air Filter Replacement Engine Air Filter Replacement Engine Oil & Filter Replacement Fuel Filter Replacement Tender M1 Inspection: <ul style="list-style-type: none"> •Automatic Transmission Fluid Level Inspect •Allison Transmission Breather Check •Suspension System Inspect •Suspension System Lubricate •Tie Rod Lubricate •Tie Rod Inspect •Inspect Oil Lubricated Hubs •Steering Axle Hub Vent Plug Inspection •Axle Lubricant Level Check •Axle Breather Check •Tire Assembly Inspect •Drive Axle Assembly Inspect <ul style="list-style-type: none"> •Drive Axle Lubricate •Air Brake System Valve Check •Brake Slack Adjuster Lubrication •Air Brake Inspection and Leak Test •Air Brake Automatic Drain Valve Test •Power Steering Fluid Level Inspect •Power Steering Gear Lubrication •Drag Link Inspection •Door Seal Lubrication •Air Conditioning System Inspect •Hood Support Lubrication
Every 16,000 miles	Tender M2 Inspection: <ul style="list-style-type: none"> •Brake Pedal Linkage and Mounting Plate Inspection •Camshaft Bracket Lubrication •Exhaust System Inspect <ul style="list-style-type: none"> •Air Compressor Inspection •Radiator Cap Inspect •Fan Drive Inspecting
Every 32,000 miles	HVAC Air Filter Replacing Transmission Filter Replacement Tender M3 Inspection: <ul style="list-style-type: none"> •Engine Drive Belt Inspect •Suspension U-Bolt Torque Check •Draw Key Nut Torque Check <ul style="list-style-type: none"> •Wheel Hub Nut Re-Torque •Air Brake Inspection and Leak Test •Drag Link Inspection
Every 64,000 miles	Air Cleaner Element Inspecting and Replacing Axle Lubricant Changing and Magnetic Plug Cleaning Fuel/Water Separator Element Replacing Power Steering Fluid Changing Radiator Pressure Flushing and Coolant Changing Tender M4 Inspection: <ul style="list-style-type: none"> •Engine Support Fastener Checking •Alternator, Battery, and Starter Check •Cabin Air Filter Inspect •Engine Air Filter Replacement <ul style="list-style-type: none"> •Frame Fastener Torque Checking •Governor D-2A Check •Mirror Folding Check
Every 128,000 miles	Foot Control Valve Inspection and Lubrication Power Steering Filter Changing