930 STARTUP GUIDE

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SHIFTING & TRANSMISSION

• To shift out of neutral, your foot MUST be on the brake and the handbrake must be fully released (100% down).
• If the handbrake light is on the dashboard, the machine will NOT shift out of neutral.
• There is a switch with a gear icon — this is the inching/neutral switch. When you press the brake, it puts the transmission into neutral so you can throttle into a pile without fighting the brakes.

AIR SEAT (newer machines)

• Air for the seat only works when your foot is on the brake.
• The air-seat fuse is tied to the shifting circuit: second fuse down, 20-amp.

DIESEL HEATER (cab parking heater, if equipped)

• Takes a while to start — that is normal.
• When you turn it off it makes a sound — that is normal. Leave it alone.

HEATER & AIR CONDITIONING

• There is a valve in the engine compartment (marked) that controls coolant flow to the heater core. Close it in summer when using A/C.
• Heater control is on the right side of the cab. The switch controls fan speed.
• Do NOT run the A/C in winter — it will fight against the heater and reduce heat output.

CORROSION PROTECTION

• If corrosion spray was applied at the shop, it is CRC SP-400 (SP400).

TRANSMISSION OIL

• Initial change: After 50 hours or one season (whichever comes first).
• After break-in: Every 250 hours.

MAINTENANCE QUICK REFERENCE

Every 10 hrs (daily): Check fluids, hydraulics, brakes, lights
Every 50 hrs (weekly): Brake adjust, battery, transmission bolts
Every 250 hrs: Tire pressure, clean filters, brake system
Every 500 hrs: Inspect valves, cylinders, adjust bearings
Every 1000 hrs: Replace all oils & filters, full inspection
Fall / Spring: Open/close heater core ball valve

ENGINE OIL & FILTER

Engine: Cummins QSF2.8
Oil: Cummins CES 20078 approved — Recommended: Valvoline Premium Blue 8600 15W-40

Change interval: Every 250–500 hrs or once/season
Oil filter: Fleetguard LF17535 — Cross: Donaldson P551100 | Case/IH 2854749 | Cummins 5399594

FUEL FILTER / WATER SEPARATOR
Cummins: 3973233 — Cross: Baldwin BF1385-SPS | Carquest 86732 | Donaldson P550848 | Fleetguard FS19732 | Fram PS11226

HYDRAULIC OIL & FILTER
Hydraulic oil: AW46 — once every season
Hydraulic filter: Napa 557201 — once every season

SUPPORT
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