

## Daily/Shift Maintenance

Note general vehicle condition. Clear away all collected debris - steam clean if necessary. Check for mechanical damage and loose or leaking components. Report all faults to maintenance department.

### NOTICE

*Always refer to manufacturer's (i.e. engine, transmission, axle) maintenance manual before starting or performing any maintenance.*

### Before Engine Startup, Check the Following

Item		OK	No	Add
1	* Engine (check oil level - check for leaks)			
2	Engine belts (check tension - check for damage - change as required)			
3	Hydraulic tank (check oil level - check for leaks)			
4	Hydraulic cylinders (check for leaks)			
5	Radiator & oil Cooler (check coolant level - check for leaks; are fins clean?)			
6	Air cleaner/intake system (check indicator - clean / change element as required, empty dust cup, check for leaks / damage)			
7	* Engine crankcase breather (check)			
8	Cooling Fan (check)			
9	* Aftertreatment exhaust piping (check)			
10	* Dust Ejection Valve (check)			
11	* Diesel Exhaust Fluid (DEF) level (check)			
12	* Engine fuel water separator (drain)			
13	Wheels & tires (check condition)			
14	Air tanks and reservoirs (check drain valves for correct operation)			
15	Lubrication check points (see page 4-6)			
16	Walk around inspection of structure (check welds, leaks, damaged components, etc...)			
17	Fire safety check (check for accumulated debris in engine compartment, etc)			
18	Fire suppression systems (Verify certifications are current)			

\* Refer to Cummins Engine Manual QSL9 CM2350 L102 (Bulletin 4332797), section 3.

## After Engine Startup, Check the Following

Item		OK	No	Add
19	Engine (does it sound normal?)			
20	Air intake system (check for leaks and damage)			
21	Exhaust system (check for leaks and excessive smoke)			
22	Instruments and controls (check for normal operator and readings)			
23	* Transmission (check oil level at operating temperature, check for leaks)			
24	Lights and back-up horn (check operation)			

\* Check Transmission oil level with engine running at idle & oil temperature at 180 - 200°F (65-93°C) with vehicle on level ground.

## Note Anything Abnormal or in Need of Repair

Component	Comments
Lights	
Defroster	
Reverse warning horn	
Horn	
Windshield wipers	
Heater / air conditioner	

OPERATOR \_\_\_\_\_

SUPERVISOR \_\_\_\_\_

DATE \_\_\_\_\_

MODEL \_\_\_\_\_

SERIAL No \_\_\_\_\_

HOUR METER \_\_\_\_\_