

SUPER MAXIMA PLUS 15W-40

Extra Performance Heavy-Duty Diesel Engine Oil

POWEROIL SUPER MAXIMA PLUS is a premium quality API certified, API CI-4 Plus 15W-40 oil designed for modern diesel engines with turbochargers & EGR required to meet modern exhaust emission standards. The product is blended from severely hydro-treated base oils and special additive packages to provide extra protection against oil thickening, valve train wear and soot handling.

BENEFITS

- Excellent low temperature properties ensure that the cold starts wear protection.
- Advanced detergency & dispersancy characteristics provide cleaner and longer life of engine components.
- Enhanced thermal & oxidation stability thereby reducing sludge deposits.
- Highly shear stable VI improves enabling proper viscosity throughout the service life of the oil, hence ensuring improved engine protection.
- Maintains high order of engine cleanliness by enhanced soot handling.
- Outstanding protection against high temperature engine deposits, oil degradation, oil thickening, rusting and corrosion.
- One oil for many applications hence reducing oil inventory and reducing risk of wrong oil top ups.

APPLICATIONS

Recommended for use in modern and low emission heavy duty diesel engines. It is suitable for severe duty construction and mining operations and for heavy haulage.

PERFORMANCE SPECIFICATIONS

POWEROIL SUPER MAXIMA PLUS 15W-40 is API licensed for API CI-4 Plus also Performance requirements & approvals:

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|--------------------------|---|
| - ACEA E7-16 | - MAN M3275 |
| - Volvo VDS-3 (Approved) | - Deutz DDC - III |
| - DETROIT DIESEL 93K215 | - MACK EO-M PLUS / Mack EO-N (Approved) |
| - Cummins CES 20077/78 | - JASO DH-1 |
| - MB 228.3 | - MTU Type 2.0 |
| - CAT ECF-1a & CAT ECF-2 | - Renault VI RLD-2 (Approved) |

TYPICAL CHARACTERISTICS

POWEROIL SUPER MAXIMA PLUS		
CHARACTERISTICS	TEST METHOD	TYPICAL VALUES
Density @29.5 °C gm/cc	ASTM D1298	0.855
Kinematic viscosity @ 40°C cSt	ASTM D 7042	110
Kinematic viscosity @ 100°C cSt	ASTM D 7042	14.5
Viscosity Index, Min.	ASTM D 2270	135
Flash point, °C (COC), Min.	ASTM D 92	230
Pour Point, °C, Max.	ASTM D 97	-27
TBN, mg KOH/gm	ASTM D 2896	10.5
Sulphated Ash, %wt	ASTM D874 -13a	1.35
CCS, cP @ -20 °C	ASTM 5293	5600

Note: Always consult your owner's manual to check for recommended viscosity grade and specifications of oil for your vehicle.

Health, Safety & Environment

POWEROIL SUPER MAXIMA PLUS 15W-40 is not expected to produce any significant health & safety hazard when used properly in intended application. However, avoid skin contacts by using proper Gloves. After skin contact, wash immediately with soap and water. For details, follow Material Safety Data Sheet.

Disposing of any used oil in drainage is hazardous to environment. Take used oil to an authorized Collection point.