

SUPER MAXIMA 15W-40

Heavy-Duty High-Performance Diesel Engine Oil

POWEROIL SUPER MAXIMA 15W-40 is a premium quality engine oil meeting API CI-4 SAE 15W-40 specification and designed for modern diesel engines fitted with turbochargers & EGR to meet the modern exhaust emission standards. The product is blended from severely hydro-treated high performance base oil and unique additive packages to provide extra protection against oil thickening, valve train wear and soot handling.

BENEFITS

- Excellent low temperature properties ensure cold start wear protection.
- Advanced detergency & dispersancy provides a cleaner and longer engine components life.
- High quality oil with enhanced thermal & oxidation stability reduces sludge deposits.
- Highly shear stable VI improver maintains proper viscosity level throughout the service life of the oil, hence ensuring improved engine protection.
- Maintains high order of engine cleanliness by enhanced soot handling.
- It prevents engine parts from rusting and corrosion.
- Outstanding protection against high temperature engine deposits, oil degradation, oil thickening.
- One oil for many applications reduces oil inventory and reduces risk of wrong oil being used.

APPLICATIONS

Recommended for use in modern and low emission heavy duty diesel engines where API CI-4 specification desired. It is suitable for severe duty on highways, construction and mining operation and heavy haulage, stationary engines etc. Recommended for Emission Standard of Bharat Stage (BS) IV & Euro IV type of engines.

PERFORMANCE SPECIFICATIONS

POWEROIL SUPER MAXIMA 15W-40 is API licensed for API CI-4 specification.

Performance requirements & approvals:

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|-----------------------------------|--|
| - ACEA E7 -16 | - JASO DH-1 |
| - Volvo VDS-3 (Approved) | - MB 228.3 (DTFR 15B110) (Approved) |
| - MAN M3275 | - MTU Type 2.0 |
| - DEUTZ DCQ III | - CAT ECF-1a CAT ECF-2 |
| - Mack EO-N (Approved) | - Renault RLD-2 (Approved) |
| - Cummins CES 20077/20078 | |

TYPICAL CHARACTERISTICS

POWEROIL SUPER MAXIMA 15W-40		
TEST PARAMETERS	METHOD	TYPICAL VALUES
Density @29.5°C. gm/cc	ASTM D4052	0.865
Kinematic Viscosity at 40°C	ASTMD D7042	107.8
Kinematic Viscosity at 100°C	ASTMD D7042	14.81
Viscosity Index	ASTM D2270	142
Flash Point, °C	ASTM D92	230
Pour Point, °C	ASTM D97	-27
TBN, mgKOH/gm	ASTM D2896	10.25
Sulphated Ash, %wt	ASTMD D874 -13a	1.11
CCS @-25°C ,cp	ASTM D5293	5764

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.