

## POWEROIL SUPER MAXIMA PLUS 10W-40 Diesel Engine Oil

**POWEROIL SUPER MAXIMA PLUS 10W-40** is a premium quality engine oil, designed for modern diesel engines fitted with turbochargers & EGR, to meet the modern exhaust emission standards. This product is blended from high performance base oil and unique additive packages to provide extra protection against oil thickening, valve train wear, soot handling and high-altitude low temperature applications.

### 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
- 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 PLUS specification is desired. It is suitable for severe duty On-Highway, 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 PLUS 10W-40 is API licensed for **API CI-4 Plus** specification. The engine oil also meets the following performance requirements:

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

### Typical Characteristics

POWEROIL SUPER MAXIMA PLUS 10W-40		
TEST PARAMETERS	METHOD	TYPICAL VALUES
Density @15°C. kg/l	ASTMD 4052	0.86
Kin. Viscosity @40°C, cst	ASTM D 445	97.4
Kin. Viscosity @100°C, cst	ASTM D 445	13.9
Viscosity Index	ASTM D 2270	145

Flash Point, °C	ASTM D 92	228
Pour Point, °C	ASTM D 97	-30
TBN, mgKOH/gm	ASTM D2896	10.5
CCS @-25°C ,cp	ASTM 5293	6100

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



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