

POWEROIL ENGINE SUPER MAXIMA HD

POWEROIL ENGINE SUPER MAXIMA HD is an advanced diesel engine oil that maximizes engine performance in the latest heavy-duty diesel engines including severe applications such as high loads and multi-trailer operations. This oil is effective at sustaining emission control system durability wherein particulate filters and other advanced after treatment systems are used. Optimum protection is provided for control of catalyst poisoning, particulate filter blocking, foaming, oxidative thickening and viscosity loss due to shear.

POWEROIL ENGINE SUPER MAXIMA HD meets API CJ4 HD standard.

PERFORMANCE STANDARDS:

API CJ4, CI4 Plus, CI4/CH4/SM/SN

ACEA E8-08/ ACEA E7-04

ACEA B4 -04/A4-04

Cummins CES 20081

MB 228.31

CAT ECF-1a , 2 & 3

DEUTZ DQC III-05

MAN M3575

Volvo VDS-3&4

MACK EO-O PP-07

Detroit Diesel DDC 93K218

MTU Type 2.1

Renault RLD-3

CERTIFICATE : API CJ4/SM 15W-40 & API CI4 Plus15W-40

CHARACTERISTICS	POWEROIL ENGINE SUPER MAXIMA HD
SAE Viscosity Grade	15W-40
Appearance	Clear Liquid
Kinematic viscosity @ 100°C cSt	14.5
Viscosity Index, Min.	140
Density @29.5 °C gm/cc	0.860
Flash point, °C (COC), Min.	230
Pour Point, °C., Max.	-24
TBN, mg KOH/gm	8.5
Sulphated Ash, %wt	1.0
CCS, cP @ -20 °C	5500

The above properties are typical values and do not constitute specification of the product

APPLICATION:

- Recommended for use in high performance diesel applications including low emission engines designs and engines featuring EGR technology.
- Recommended where low ash oils are required. Suits most applications where Diesel Particulate Filters (DPF), Diesel Particulate Diffusers (DPD), or similar devices are fitted.
- Recommended for use in high performance gasoline engines and mixed fleet operators.

PERFORMANCE BENEFITS:

- Excellent low temperature properties ensuring cold start wear protection.
- Advanced detergency & dispersancy characteristics providing cleaner and longer life of engine components.
- Enhanced thermal & oxidation stability thereby reducing sludge deposits.
- Highly shear stable VI improver 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.