

## Premium Mineral 15W-40 High Protection Diesel Formula Engine Oil

Formulated to provide the highest level of protection for diesel engines, large or small, non-turbocharged and turbocharged.

### Benefits

- Developed to offer excellent protection in small, medium and heavy duty diesel engines
- Safe for both turbocharged and non-turbocharged diesel engines
- Superior deposit control and valve train protection in modern high-performance and high-speed diesel engines
- Excellent low-temperature, cold-start performance
- Excellent viscosity control prevents thickening of the oil and controls soot
- Formulation based on high shear stable polymers giving excellent control of viscosity

### LPG, CNG and Dual-Fuel Systems

- Provides excellent protection for engines fuelled with either LPG or CNG
- Also recommended for vehicles operating dual-fuel systems and is ideal for fleet use



### Typical Characteristics

SAE Viscosity Grade	15W-40
Viscosity @ 100°C (cSt) ASTM D445	14.92
Viscosity @ 40°C (cSt) ASTM D445	121.3
Apparent Viscosity by CCS @ -20°C (cP) ASTM D5293	6150
Apparent Viscosity by MRV @ -25°C (cP) ASTM D4684	23775
Viscosity Index ASTM D2270	126
Density @ 15°C (kg/L) ASTM D4052	0.8773
Sulphated Ash (mass %) ASTM D874	1.4
Total Base Number (mg KOH/g) ASTM D2896	10.4
Flash Point (°C) ASTM D92	215

Due to continued product research and development the information contained in this Product Bulletin is subject to change without notification.

### Warnings

NOTE: Not suitable for vehicles fitted with Diesel Particulate Filters (DPF). Refer to your vehicle service manual for correct lubricant requirements and service intervals

CAUTION: Avoid skin contact with used oil. Wear suitable gloves. If skin contact occurs, wash immediately with soap and water. Avoid prolonged and repeated contact with used oil. Protect the environment. Do not pollute drains, ground or water with used oil. Dispose of container as per EPA guidelines. Do not use this container for fuel or solvents.

### Meets or exceeds the following oil industry specifications

ACEA	ACEA E7-12
American Petroleum Institute	API CI-4, API CH-4, API CG-4, API SH, API SL, API SJ, API SG
Blend Type	Mineral
Caterpillar	CAT ECF-1a, CAT ECF-2
Compatible Fuels	CNG, Dual-Fuel, Heavy Duty Diesel, LPG, Petrol
Cummins	Cummins 20076, Cummins 20077, Cummins 20078
Detroit	Detroit Diesel DDC 93K215
Mack Claims	Mack E0-K/2, Mack E0-M Plus, Mack E0-N
Mercedes Benz	MB 228.3
Other Claims	Deutz QDC III-10, Global DHD-1, MAN M3275, MTU Type 2
Renault	Renault Truck RLD-2
Society of Automotive Engineers	SAE 15W-40

### Meets or exceeds the following oil industry specifications

Volvo	Volvo VDS-3
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### Pack Sizes



Part No: HP15W40-5  
5 litres - 3 Per Carton  
Barcode: 9311090001114



Part No: HP15W40-10  
10 litres - Single Unit  
Barcode: 9311090001121



Part No: HP15W40-20  
20 litres - Single Unit  
Barcode: 9311090001275