



# Product Information

## HD DIESEL 15W40

### Description

HD DIESEL 15W40 is a high-performance diesel engine oil formulated with high-quality mineral base oils and premium additives. It delivers exceptional protection and performance for vehicles operating under demanding conditions, including both on-road and off-road applications.

### Applications

- Suitable for both light-duty and heavy-duty diesel-powered vehicles, including on-road and off- road applications.
- Designed to sustain engine durability in vehicles where exhaust gas recirculation (EGR) is used.

### Meets Performance

API CI-4, CH-4/SL	Cummin 20076/77
MB 228.3	Deutz DQC-II-18
MTU Type 2	MAN 3275-1
Volvo VDS	Caterpillar ECF-1a
Mack EO-M Plus	

### Features & Benefits

- Wear Protection: Provides superior protection against engine wear, extending engine life.
- Oxidation Stability: Extends oil life by resisting oil breakdown in high-temperature environments.
- Soot Control: Manages soot effectively, especially in engines with EGR systems.
- Cleanliness: Advanced detergents and dispersants prevent deposits and sludge.
- Fuel Efficiency: Improves fuel economy and lowers emissions.

### Typical Properties

Properties	Test Method	Typical value
Appearance	Visual	Bright & Clear
ASTM Color	ASTM D1500/D6045	L2.5
Density @15 oC	ASTM D4052	0.8696
Kinematic Viscosity @40 oC	ASTM D445	106.4
Kinematic Viscosity @100 oC	ASTM D445	14.50
Viscosity Index	ASTM D2270	140
Flash Point, COC	ASTM D92	238
Pour Point	ASTM D5950/D6892	-39
Total Base Number	ASTM D2896	8.0
Cold Cranking Simulator@-20 oC	ASTM D5293	4,651