

HD FLEET SAE 15W40 API CH-4/SL ACEA E5



Description

BENZOL® HD Fleet SAE 15W40 API CH-4/SL is a high performance, dedicated heavy duty engine lubricant designed for use in modern high speed turbocharged diesel engines. It uses an exclusive additive formulation in conjunction with highly refined base oils to deliver longer life and enhanced protection relative to its predecessors.



Applications

BENZOL® SAE 15W40 API CH-4/SL can be used in high-power heavy-duty diesel engines in mixes fleets in both on-road and off-highway applications. High-tech, electronically controlled, and low emission engines. Normally aspirated, turbocharged, and supercharged engines with or without intercooling.

Specifications and Approvals

API CH-4/SL, ACEA E5, Deutz DQC-111, Volvo VDS-3, Global DHD-1, Renault Truck RLD-2, MAN 3275, Detroit Diesel DDC 93K215, Daimler MB 228.3, Cummins CES 20078/77/76.

Technical Specifications

Performance Benefits

- Saves on fleet maintenance cost.
- Reduce Downtime and prolong engine life.
- Improved engine cleanliness and reduced piston deposits.
- Full film lubrication at operating temperatures.
- Excellent EGR emission control performance.
- Excellent low temperature properties help speed cold starts.

Product/Part Number

HD13442331	4 x 5	HD13442321	4 x 4
HD13442171	12 x 1	HD13442171	24 X 1
HD13442511	1 x 20	HD13442531	1 x 25
HD13442561	1 x 200	HD13442571	1 x 208
HD13442601	1x1000		

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	2.5
Density @ 15 °C, kg/L	D-1298	0.8805
Viscosity @ 100 °C, cSt	D-445	15.1
Viscosity @ 40 °C, cSt	D-445	115.8
Viscosity index	D-2270	136
Flash Point, °C (COC)	D-92	232
Pour Point, °C	D-97	-30
Foam SEQ.I/II/III	D-892	0/0/0
TBN, mg KOH/g	D-2896	10.1
CCS at -20°C (mPa.s)	D-5293	6560

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other BENZOL products, please visit www.benzollubricants.de

