

Signature® HD SB MO 10W-30, 15W-40

Product Data Sheet



Product Description: Signature® HD SB MO 10W-30 and 15W-40 a cost effective, heavy duty, synblend engine oil for naturally aspirated and turbocharged four-stroke diesel engines in which the API CK-4 service category and SAE 10W-30 viscosity grade are recommended.

Benefits:

Signature® HD SB MO 10W-30 and 15W-40 are an API CK-4 heavy duty engine oil specifically formulated for 2017 greenhouse gas (GHG 17) compliant diesel engines designed to meet lower CO2 emissions and improved fuel economy, in addition to 2010 compliant low emission diesel engines with Selective Catalytic Reduction (SCR), Diesel Particulate Filter (DPF) and Exhaust Gas Recirculation (EGR) systems. It is fully compatible with previous engine models and previous API Oil Service Categories.

Signature® HD SB MO 10W-30 and 15W-40 delivers value through:

- Good Engine Protection — Delivers soot dispersancy and wear control. Cylinders, pistons, rings, and valve train components are well protected against wear and corrosion, providing long engine service life and minimal maintenance. Contributes to optimal vehicle utilization and minimal downtime.
- Appropriate Emission Control System Life — Helps protect Diesel Particulate Filters (DPF) for minimal downtime and cleaning, thus managing maintenance costs.
- Managed Inventory Costs — Backward compatible with all previous API Oil Service Categories and engine models. Good for service in naturally aspirated, turbocharged and modern electronically controlled/low emission diesel engines.
- Minimized Operating Costs — Provides up to 1.2% improved fuel economy performance versus SAE 15W-40 engine oil in Class 8 trucks.¹
- Access to Chevron's Lubrication and Industry Knowledge — Helps maximize your bottom line business results.

Features:

Signature® HD SB MO 10W-30 and 15W-40 is a cost-effective heavy-duty engine oil formulated to provide appropriate protection in normal operating conditions. It is designed to be a robust formulation for multiple types of applications.

Applications:

Signature® HD SB MO 10W-30 and 15W-40 is a heavy duty engine oil recommended for four-stroke diesel engines in which the API CK-4 service category and SAE 10W-30 viscosity grade are recommended. It is formulated for engines operating under severe service and a wide range of climatic conditions. This product is recommended for use in on-highway diesel engines that require API CK-4 service category and allow the use of an SAE 10W-30/15W-40 viscosity grade. It can also be used in cold weather environments to facilitate engine start up performance.

Product (s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

Signature® HD MG MO 10W-30, 15W-40

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Signature® HD SB MO 10W-30 and 15W-40 is approved for:

- API Service Categories CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4
- Cummins CES 20086 • Detroit Fluids Specification (DFS) 93K222
- Ford WSS-M2C171-F1
- Mack EOS-4.5
- Renault RLD-3
- Volvo VDS-4.5

Signature® HD SB MO 10W-30 and 15W-40:

- ACEA E11
- Caterpillar ECF-3

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|---|--------------|
| Density @ 15°C, kg/l | 0.8779 |
| Viscosity, Kinematic cSt @ 40°C cSt @ 100°C | 79.4 11.8 |
| Viscosity, Cold Crank, °C/Poise | -25/6200 |
| Viscosity Index | 142 |
| Flash Point, °C/°F | 231(448) |
| Pour Point, °C/°F | -44(-47) |
| Sulfated Ash, wt % | 1.0 |
| Base Number, mgKOH/g, ASTM D2896 | 9.6 |
| Phosphorus, wt % | 0.10 |
| Zinc, wt % | 0.11 |

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