
Product Information

A PRODUCT OF VALVOLINE, A DIVISION OF ASHLAND INC. USA



VALVOLINE DIESEL SYNTHETIC 5W40

Valvoline Diesel Synthetic 5W40 is formulated with high-quality synthetic basestocks and a boosted additive system. The hi-performance synthetic technology meets the stringent demands of modern diesel including EGR (Exhaust Gas Recirculation) engines operating under standard and extended service intervals in a wide variety of service conditions. The unique Valvoline formulation is field proven and delivers exceptional TBN retention, extended drain capability, enhanced fuel economy potential over conventional oils, advanced soot control, outstanding viscosity retention and excellent all weather performance. The hi-performance synthetic technology is designed to meet the most demanding needs of modern low emission diesel engines including 2002 EGR engines from Cummins, Mack, Detroit Diesel and others.

The Diesel Synthetic 5W40 Advantage

- Hi-Performance Synthetic Technology meets the most demanding requirements of modern EGR engines operating at elevated temperatures, higher soot and higher acid levels in the engine oil.
- Boosted additive chemistry offers extended drain capability in modern diesel engines through exceptional TBN retention, advanced soot control and outstanding viscosity retention.
- Superior synthetic basestocks provide faster, safe starts during freezing weather and enhanced thermal properties for hot weather operations.
- Unique formulation has enhanced fuel economy potential over conventional oils.
- Enhanced valve-train wear protection and reduced oil filter restriction at high soot levels.
- Reduced high temperature carbon buildup - both single and two-piece pistons - and ring/liner wear protection leads to improved oil consumption control.
- Unique dispersive polymer technology (DPT) provides advanced soot control and outstanding engine cleanliness.
- Excellent oxidation, foam, and corrosion inhibition.
- Diesel Synthetic 5W40 provides excellent performance in "mixed fleet" gasoline engines, pickup and delivery, city fleet, long haul over-the-road, and off-highway applications.

Performance levels / Approvals

API CI-4 / API SL
Global DHD-1
Volvo VDS-3

Typical Characteristics

Viscosity @ 40 °C, cSt	89.6
Viscosity @ 100 °C, cSt	14.54
Viscosity Index	169
CCS Viscosity @ - 30 °C, cP	5700
Pour Point, °C	-39
Total Base Number (D-2896)	10

Available configurations: 6 X 1L Case, 4 x 5L Case

This information only applies to products manufactured in the following location(s) – Singapore

Effective date
22nd May 2009

Authors Initials
SKM

Product code