

SD-5 100% SYNTHETIC DIESEL MOTOR OIL

SAE: 15W-40



>>Description

SD-5 is designed to conserve energy and resources by increasing fuel mileage and extending oil drains. SD-5 is formulated using hydro-cracked base oils along with the chemically balanced MPZ® anti-wear package to provide unequalled protection for today's diesel engine. MPZ® provides a separating anti-wear barrier to reduce friction and wear while increasing power throughput. The high alkaline reserve (TBN) effectively protects the engine from any corrosive acids that may form. The low SAPS contained in SD-5 protect your engine from wear even in the presence of soot and other contaminants.

>>Features

- >100% Synthetic Formula
- >High TBN with low SAPS
- >Anti-wear additives to reduce engine temperatures
- >Special detergents and dispersants reduce sulfated ash
- >Oxidation and corrosion inhibitors

>>Application

Recommended for all EPA 2007 compliant engines using DPF after treatment device and ULSD fuel that specify CJ-4 / CI-4 plus / CI-4 / CH-4 / CG-4 / CF-4 /CF / SM, & European and OEM claims. Also meets ACEA E7, MB 228.3, Volvo VDS-4, Cummins CES 20081, Mack EO-O premium plus'07, Caterpillar ECF 3 & ECF1, DDC PGOS 93 K 218, MAN 3275, MTU Type II specification. SD-5 is formulated using Torco's proprietary additive technology.

>>Typical/Test Data

SAE Grade	ASTM#	15W-40
Appearance	Visual	Amber
API Gravity	D-287	33.3
Viscosity @ 100°C	D-445	15.0
Viscosity @ 40°C	D-445	n/a
Viscosity Index	D-2270	140
Pour Point, °C	D-97	-25
Flash Point, °C	D-92	440
TBN	D-2896	8.0
CCS Viscosity, cP @ °C	D-2602	4500@-20
Sulfated Ash, Wt %		1.0

>>Directions

Follow manufacturer's fill level requirements. Compatible with other petroleum and synthetic lubricants.

>>Package Sizes / P/N

SAE Grade	15W-40
4-Liter (4.224 US QT)	A191540FE
6/4-Liter Case	A191540F
5 Gallon Pail	A191540E
55 Gallon Drum	A191540B