



SD-5 100% SYNTHETIC DIESEL MOTOR OIL

DESCRIPTION:

SD-5 is formulated using 100% premium synthetic base oils and an advanced anti-wear package for hard-working diesel engines with or without particulate filters. The advanced additive pack provides a strong anti-wear barrier to reduce friction and wear while increasing power throughput. The high alkaline reserve protects vital engine components from corrosive acids.

FEATURES & BENEFITS:

- 100% premium synthetic base oils
- High TBN with low SAPS
- Advanced detergents and dispersants provide reduced sulfated ash
- Outstanding corrosion and oxidation control

APPLICATIONS:

Recommended for use in diesel engines requiring any of the following specification

MEETS/EXCEEDS:

15W-40: API CK-4, CJ-4 • ACEA E7, E9 • JASO HD-2, MA/MA 2 • Caterpillar ECF-2, ECF-3 • Cummins CES 20086, CES 20081 • DFS 93K222 • MB 228.31 • Volvo VDS-4.5 • Ford WSS-M2C171-F1 • Allison TES 439, MAN 3775 • MAC EOS-4.5

TYPICAL TEST DATA:

TEST	METHOD	0W-20
Viscosity @ 40 °C (cSt)	D445	112.4
Viscosity @ 100 °C (cSt)	D445	15.6
Viscosity Index	D2270	147
CCS mPa-s	D5293	4134 (-20 °C)
Pour Point °C	D97	-40
NOACK Volatility	D5800	5.1
TBN, mg KOH/g	D2896	10.1
HTHS Viscosity, cP	D5481	4.5