Super Syn Blend CK-4 15W-40 Diesel Engine Oil

Description:

Super Syn Blend Diesel Engine Oil is formulated for use in high-speed four-stroke cycle diesel engines designed to meet 2017 model year on-highway and Tier 4 non-road exhaust emission standards, as well as for previous model year diesel engines. This oil is formulated for use in all applications with diesel fuels ranging in sulfur content up to 500 ppm. The synthetic-blend base oils used in Super Syn Blend provide enhanced lubricity and cold-flow, and improved resistance to high-temperature degradation. The advanced additive package in this formulation reduces viscosity loss due to shear, and oil aeration. Also, the advanced, low-ash formulation provides protection against catalyst poisoning and particulate filter blocking, while preventing deposit formation and soot-related viscosity increase.

Features and Benefits:

- Exceeds API CK-4/SN performance standards
- Formulated with synthetic-blend base stocks for improved resistance to thermal breakdown
- Outstanding wear protection as established in API CK-4 specification
- Optimum fuel economy
- Improved protection for exhaust SCR catalysts and particulate filters
- Advanced additive technology provides added resistance to sludge formation and piston deposits

Applications:

- Warranty compliant for all vehicles requiring a licensed API CK-4 diesel engine oil
- Licensed under API CK-4/SN specification; backward compatible with all prior API diesel specs
- Cummins CES20086
- Detroit Diesel 93K222
- Ford WSS-M2C171
- Mack EOS-4.5/ Volvo VDS-4.5
- MTU 2
- Renault RLD-3

Typical Physical Properties

Property	Test Method	15W-40
API Service		CK-4/SN
Density@15°C, g/cm3	ASTM D4052	0.870
Viscosity @ 40°C, cSt	ASTM D445	110.5
Viscosity @ 100°C, cSt	ASTM D445	14.8
Viscosity Index	ASTM D2270	139
Flash Point, °C (°F)	ASTM D92	229 (444)
Pour Point, °C (°F)	ASTM D97	-48 (-54)
Cold Crank Simulator, cP	ASTM D5293	5,100 @-20°C
TBN, mg KOH	ASTM D2896	10
Sulfated Ash, wt%	ASTM D874	0.98