TOPPER® MOTOR OIL FORMULA-EC SYNTHETIC BLEND SAE 15W-40 MEETS API CK-4/SP

Topper® Formula-EC 15W-40 CK-4 / SN Synthetic Blend Heavy Duty Oil is the latest generation of oils that has met virtually all requirements of diesel engine manufacturers since 2017. It is suitable for use in virtually all diesel engine applications.

BENEFITS:

- Meets and exceeds high and low performance requirements emissions, offering excellent performance in used engines and from previous years.
- Users can have in this oil only 1 type of oil to virtually all applications. Provides excellent wear protection, deposit control, Viscosity and oxidation resistance controls, lengthening the life of rings, pistons and the engine in general.
- Soot formation control and excellent detergent system to keep the engine clean and well protected.
- Excellent flow at low temperatures aiding in ignitions cold.
- Reduces fuel consumption.
- Demonstrated performance between oil changes in lubrication and protection.
- Proven stability in viscosity.
- Excellent tolerance to water.
- Meets API CK-4, CJ-4 and API SN requirements for gasoline engines.

APPLICATIONS:

- In light and heavy vehicles that work on the road. Complies with the emissions requirements of the year 2017 and more engines ancient.
- In light and heavy vehicles that work in the field, construction, mining and agriculture.
- Application to various fleets such as Detroit Diesel - 93K222, Mack - EOS-4.5, ACEA - E9, 04.E5.02, E3, MAN - M3275, Caterpillar RELF-2, ECF-1, ECF-2, ECF-3, Mercedes-Benz - 228.3, Cummins CES 20086, Volvo - VDS 4.5, Navistar, Renault - VI RLD -4.5.

TECHNICAL SPECIFICATIONS

GRADO SAE	15W-40
API specification	CK-4
Density 15°C	29.0
Flash Point, ASTM D92 (COC), °F(°C)	204(400)
Viscosity, ASTM D 445, cSt at 100°C	15.9
ASTM D 445, cSt at 40°C	115.2
Viscosity Index, ASTM D 2270	147
Tasa HTHS Vis a 150'C & 106 sec -1, cP	4.4
Pour Point, ASTM D97, 'F(°C)	-30
Sulfated Ash, ASTM D 874, % Max	1.0 max
TBN (total base no., ASTM D2896	10.0
Volatility NOACK, ASTM D 5800, % Loss	13
Color, ASTM D 1500 (may vary)	2.0

PACKAKING:
12 Quart box, 5 Gallon pail and 55 Gallon drum.

MADE IN U.S.A.

**PLEASE NOTE: ALWAYS CONSULT YOUR OWNER'S MANUAL FOR YOUR PROPER FLUID EQUIPMENT.*

www.mandjsunshine.com/topper
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