

**MYSTIK® SX-8® SYNTHETIC
BLEND ENGINE OIL SAE 15W-40**



Date 01/04

For API Service CI-4, CH-4, CG-4, CF-4, CF/SL

DESCRIPTION:

This API Service CI-4, CH-4, CG-4, CF-4, CF/SL synthetic blend 12.5 TBN super performer is designed to exceed the current performance requirements of diesel engine manufacturers such as Caterpillar, Cummins, Detroit Diesel, Mack, and Navistar. This product also meets the latest API Service Category for gasoline engines. Formulated to provide the superior soot handling and wear protection demanded by modern heavy-duty on-highway diesel engines, it will help maintain long-term low emission performance. Mystik® SX-8® Synthetic Blend Engine Oil is a new dimension in engine lubrication. It is scientifically blended to get the best features of both synthetic and petroleum oils for increased performance. This oil lubricates over a wide temperature range for extended periods while reducing wear and oil consumption. Frictional losses at all temperatures are minimized resulting in the potential for increased fuel economy. Utilizing oil analysis, under OEM guidelines, it is possible to achieve extended drain intervals using Mystik® SX-8® Synthetic Blend Engine Oil.

FEATURES:

- High quality petroleum base stocks and synthetic oil to achieve energy savings and improve engine performance.
- Excellent low temperature lubrication qualities that result in less friction with less fuel consumption, quicker starts, rapid oil flow, less warm-up time and improved starting at lower temperatures.
- Less volatile than comparable SAE grades because its synthetic portion is more evaporation resistant than petroleum oils. This means improved oil economy in your engine.
- Superior soot handling and wear protection demanded by modern heavy-duty diesel engines.
- Excellent seal compatibility.
- Outstanding oxidation resistance to all types of oil thickening.
- Superior protection against low temperature sludge and high temperature varnish formation.
- Excellent rust and corrosion protection.
- Additives, low and high temperature properties, base oils, and viscosity combine to protect engine from wear during severe service.

APPLICATIONS:

- Recommended for turbocharged and supercharged diesel and gasoline engines.
- API Service Classifications CI-4, CH-4, CG-4, CF-4, CF/SL.
- ACEA E5-02 performance.
- Caterpillar engine, hydraulic, and TO-2 performance.
- Cummins CES 20078, 20076, and 20071 performance.
- Daimler Chrysler 228.3 performance
- Detroit Diesel 4-stroke cycle performance.
- Ford M2C171.
- General Motors 6094M, 6.2L, and 6.5L.
- Global DHD-1
- JASO DH-1
- Mack EO-N Premium Plus, MACK EO-N Premium Plus (03) and EO-M Plus performance.
- MAN 3275 performance
- MTU Type 2 performance
- Navistar – International
- Volvo

TYPICAL PROPERTIES:**MYSTIK® SX-8® SYNTHETIC BLEND MOTOR OILS**

Material Code	663036-002
SAE J300 Viscosity Grade	15W-40
Gravity, ASTM D 4052, at 60°F	30.2
Pounds/Gallon at 60°F	7.3
Specific Gravity at 60°F	0.87
Viscosity @ 100°C, cSt	15.8
Viscosity @ 40°C, cSt	110
Viscosity Index	138
CCS Viscosity, cP, at Temperature	6550 at -20°C
MRV Viscosity, cP, at Temperature	23,500 at -25°C
MRV Yield Stress, Pa, at Temperature	<35 at -20°C
Pour Point, ASTM D 97, °F (°C)	-33 (-36)
Flash Point, ASTM D 92, COC, °F (°C)	435 (224)
Noack Evaporative, ASTM D 5800, % Loss	12
Color, ASTM D 1500	6.0
Total Base Number, ASTM D 2896	12.6
Sulfated Ash, ASTM D 874, % wt	1.7