



# LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

## SAE 15W-40 MAGNUM HIGH TBN LONG DRAIN Motor OIL



Lucas Oil Magnum High TBN SAE 15W-40 Motor Oil is a specially formulated blend of high-quality base oils and additives that allows extended drain intervals and maximum wear protection from metal-on-metal friction. This formulation meets or exceeds the API CI-4 performance category and carries a higher level of TBN and Phosphorus than modern CK-4 motor oils. Lucas Oil Magnum High TBN SAE 15W-40 Motor Oil delivers lower operating temperatures and improved protection against fuel dilution which can reduce drain intervals. Our extremely tacky formulation eliminates dry starts and maintains a strong film of lubricant throughout the engine, reducing friction and protecting against corrosion.

Our proprietary polymer technology helps to maintain viscosity and protection from shear thinning. This delivers improved oil pressure retention over the life of the oil and reduces oil consumption caused by oil slipping past piston rings. Lucas Oil Magnum High TBN SAE 15W-40 Motor Oil provides outstanding protection for older engines suffering from reduced power, noisy operation, or increased smoking and emissions caused by deposits, varnish, or increased oil consumption.

Lucas Oil recommends this product for heavy duty diesel engines from model year 2007 and older. It is not recommended for modern diesel engines fitted with emission aftertreatment devices such as Diesel Particulate Filters (DPF) or NOx control systems using Diesel Exhaust Fluid (DEF). Prolonged use of High TBN oils may cause reduced service life or failure of emissions control devices. Lucas Oil Magnum High TBN SAE 15W-40 Motor Oil is perfectly suited to protect engines (both on road and off-road) from the corrosive effects of high sulfur fuels as well as provided enhanced wear protection for valve trains and bearings. It is well suited for high-performance off-road engines where traditional passenger car motor oils fall short.

### PART NUMBER AND SIZE:

10076 - 1 Gallon (Case of 4)  
10077 - 5 Gallon Pail (1 Pail)  
10078 - 55 Gallon Drum  
10175 - Per Gallon Tote (1 Tote)

### FEATURES AND BENEFITS:

- High TBN and increased detergency for long oil drain intervals
- Polymer viscosity improver technology for thicker oil films and maximum high temperature protection.
- Reduces smoking and noisy operation from inadequate lubricant film and oil burning.
- Resists oil break down from oxidation and fuel dilution.
- Suitable for use in engines without aftertreatment devices.

### MAIN APPLICATIONS:

Recommended for all engines specifying SAE 15W-40 heavy duty oil, API CI-4 and previous standards, including API CH-4, API CG-4, SL and associated OEM specifications, including Mack, Volvo, Caterpillar, Cummins, Detroit Diesel, Daimler, MAN, Renault and Ford.



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## TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D4052	27.0
Specific Gravity @ 60°F	D4052	0.8927
Density @ 60°F, Lbs/US Gal	D4052	7.434
Viscosity @ 40°C cSt	D445	130.0
Viscosity @ 100°C cSt	D445	16.0
Viscosity Index	D2270	131
Color		Amber
Flash Point, COC @ °F	D92	435
Total Base Number	D2896	13.0
Pour Point, °C	D97	-22

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

## LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit [LucasOil.com](https://www.LucasOil.com)