



PRODUCT DATA SHEET

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GIBRALTAR ULTRA LX 10W/30

PREMIUM SYNTHETIC-BLEND DIESEL ENGINE OIL FOR MAXIMUM PROTECTION AND FUEL ECONOMY

Gibraltar Ultra LX 10W/30 is a super premium synthetic-blend heavy duty diesel engine oil surpassing the requirements of the API (American Petroleum Institute) CJ-4 specification, Mack EO-O Premium Plus, Caterpillar ECF-3, Cummins 20081, Detroit Diesel 93K218 and Volvo VDS-4 specifications.

Gibraltar Ultra LX will provide improved fuel economy of 1% – 3% over 15W/40 viscosity engine oils.

Gibraltar Ultra LX is formulated to give outstanding performance in newer engines utilizing Diesel Particulate Filter (DPF) emission technology while being fully backward compatible for use in pre-2007 engines. While many engine oils designed to meet the new CJ-4 category feature reduced TBN in order to meet the strict sulfur and ash limits mandated, Gibraltar Ultra LX maintains a robust detergency level so it can be used in pre-2007 engines and off-road equipment using 500 ppm fuel without concern of TBN depletion.

Gibraltar Ultra LX utilizes a unique “soot-buster” dispersant technology in order provide users with performance far beyond the minimum requirements of API CJ-4. In addition, it provides the highest level of shear stability currently available to protect against viscosity breakdown.

Gibraltar Ultra LX provides users with the following benefits:

- Improved fuel economy
- Fully compatible with Diesel Particulate Filters and Diesel Oxidation Catalysts
- Reduced Oil Consumption
- Increased Valve Train and Bearing Protection
- Outstanding Shear Stability for “stay-in-grade” performance
- Excellent soot control
- Robust Detergency (TBN) Level

The end result for equipment owners is: **longer lubricant life and longer engine life.**

APPLICATIONS/SPECIFICATIONS

API CJ-4/SM
Mack EO-O Premium Plus '07
Cummins CES 20081
Caterpillar ECF-3
Detroit Diesel 93K218
Mercedes Benz 228.31
Volvo VDS-4
ACEA E9
Allison C-4

TYPICAL INSPECTIONS

Sulfated Ash, % Weight	0.98
Viscosity, cSt @ 100°C	15.5
TBN, ASTM D-2896	10
Calcium, % Weight	0.121
Magnesium, % Weight	0.083
Zinc, % Weight	0.127
Phosphorus, % Weight	0.114
Molybdenum	.0045