



LAUNCHER DIESEL OIL

PREMIUM HD MONOGRADE MOTOR OIL

API CJ-4

LAUNCHER Premium HD Monograde Motor Oil series are high performance diesel engine oils formulated from advanced technology base oils and a balanced additive system. They are specifically engineered for performance in inter-cooled turbo-charged engines operating under severe on and off-highway conditions. LAUNCHER Premium HD Monograde Motor Oil series can be used in a wide range of applications where a monograde lubricant is recommended.



APPLICATIONS

LAUNCHER Premium HD Monograde Motor Oil series are formulated for use in naturally aspirated and turbo-charged diesel powered equipment, On-highway light and heavy-duty trucking and Off-highway industries including: construction, mining, quarrying and agriculture.

PERFORMANCE FEATURES AND BENEFITS

- Excellent protection against sludge build-up.
- Excellent protection against oil thickening.
- Reduces wear by controlling soot deposits.
- Excellent protection against ring sticking.
- Extension of engine's lifetime.

RECOMMENDATIONS / SPECIFICATIONS

MEETS OR EXCEEDS :

API CJ-4/CI-4/CH-4/CG-4/CF-4/CF,CF/SF

MTU Type 2 , Mercedes Benz 228.2, Allison C-4 ,MAN 270

PROPERTIES

LAUNCHER Premium HD Monograde Motor Oil series are high performance industry proven products so you can trust you will get the performance you want from your vehicle. Its high detergency/low dispersancy formulation releases contaminants and water readily in centrifugal separators. Gives long-term protection against corrosion of ferrous and non-ferrous metals.

- Reduces wear due to advanced base oils.
- Reduced high temperature engine deposits.
- Delivers unsurpassed levels of protection across a variety of driving conditions and temperatures.
- Provides improved fuel economy.

TYPICAL TECHNICAL PROPERTIES

Viscosity Grade	30	40	50
PRODUCT CODE	LMO30DI	LMO40DI	LMO50DI
Density at 15°C, g/ml, ASTM D4052	0.889	0.892	0.896
Kinematic Viscosity at 40°C, mm ² /s, ASTM D445	103	148.5	227
Kinematic Viscosity at 100°C, mm ² /s, ASTM D445	11.5	14.7	19.5
Viscosity Index, ASTM D2270	98	98	98
Flash Point(COC), °C, ASTM D92	230	240	246
Pour Point, °C, ASTM D97	-9	-9	-9

Note: These characteristics are typical of current production. While future production will conform to LAUNCHER'S specification, variations in these characteristics may occur.



Packing : 1L | 4L | 5L | 20L /pail | 25L/pail | 208L/Drum

Version : LL/TDS/DOPHD/V1/02-01-2023

Health and Safety: This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant