



LUBREX MARINE ULTRA 15W40

PRODUCT DESCRIPTION:

LUBREX MARINE ULTRA 15W40 is a mineral based multigrade engine oil for use in heavy duty four stroke turbocharged engines of latest generation for prolonged time between overhauls.

APPLICATION:

- Designed for use in severe conditions for high speed, four stroke both naturally aspirated, turbo charged diesel engines
 - Suitable for the latest electronically controlled diesel engines fitted with EGR and SCR exhaust after treatment systems.
 - Used for mixed fleets of both diesel and gasoline engines
 - Commercial road transport
 - Mixed fleet of North American, European and Japanese diesel engines
 - Mixed fleet of both old and new equipment
 - Off-highway vehicles and plant
 - Agricultural tractors and farm machinery
 - Generator sets
 - Mobile hydraulic systems (where oil type and viscosity are appropriate)
 - Power shift transmissions (where oil type and viscosity are appropriate)
- plugging results in extended oil drain intervals
 - Saves in inventory costs and minimizes chances of misapplication due to its formulation for mixed fleet application
 - Maximizes engine life due to outstanding wear protection in valve train and component scuffing under high loads
 - Maintains engine fuel economy and reduced oil consumption throughout the life of the in-service oil
 - Maintains maximum engine cleanliness through control of high temperature deposits in turbocharged diesel engines and low temperature sludge in gasoline engines due to its balanced detergent / dispersant additive system

FEATURES & BENEFITS:

- Advanced additive technology optimizes soot dispersion, deposit control and wear protection
- Provides excellent upper ring-belt deposit control under high temperature encountered in turbocharged diesel engines
- Outstanding oxidation stability and soot control capability, resistance to oil thickening and protection against filter

PERFORMANCE STANDARDS: Meets and Exceeds:

- API CI-4/SL
- ACEA: E7/E5/E3/B4/B3/A3
- MB228.3
- VOLVO VDS-3
- RENAULT RLD
- MAN M3275
- MACK EO-M Plus
- MTU Type 2 Quality
- CUMMINS CES 20078/77/76
- CATERPILLAR ECF-1
- GLOBAL DHD-1

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	Marine ULTRA 15W40
Grade			15W40
Kinematic Viscosity @ 104°F /40°C	ASTM D-445	cSt	121
Kinematic Viscosity @ 212°F /100°C	ASTM D-445	cSt	15.5
Viscosity Index (min)	ASTM D-2270	-	135
SP. Gravity @ 60°F	ASTM D-4052	g/cm ³	0.884
Flash Point (min)	ASTM D-92	°C	220
Pour Point (max)	ASTM D-97	°C	-30
TBN	ASTM D-2896	Mg KOH/g	13

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.lubrex.net