

MARINE LUBRICANTS

CEPSA PETREL HDL 40

DESCRIPTION

CEPSA PETREL HDL oil has been developed for use in new generation Marine and Stationary Diesel Oil Engines that operate under extreme high-speed conditions and highly effective average pressures, using marine distilled fuels. It also has special protection against the formation of deposits as a result of the high stability of the oil's detergent-dispersant properties.

Recommended for Diesel oil engines that require monograde oils.

PRODUCT APPLICATION

- The Petrel HDL oil is recommended in marine diesel oil engines that require an oil that meets the stated specifications of engine manufacturers (MTU, MAN, DEUTZ, etc.).

PRODUCT PERFORMANCE

- High Thermal stability and anti-wear and tear capacity.
- Reduces oil consumption, reducing change frequency.
- Excellent protection against oil thickening and high temperature deposits.
- High alkaline reserve value for better corrosive wear and tear control.
- High capacity to support heavy loads.

SPECIFICATIONS

- MIL-PRF-2104-G
- MIL-PRF-9000-K
- API CH-4
- MTU Type 2
- DEUTZ DQC I-02
- MAN M 270

TYPICAL CHARACTERISTICS

CHARACTERISTIC	UNITS	ASTM STANDARD	CEPSA PETREL HDL
SAE GRADE		---	40
Density at 15°C	kg/l	D-4052	0.902
Flash point V/A	°C	D-92	>220
Freezing point	°C	D-97	-15
Viscosity at 40°C	cSt	D-445	138
Viscosity at 100°C	cSt	D-445	14.5
Viscosity index	-	D-2270	102
Base number	mg KOH/g	D-2896	15.4
Sulphated Ash	% p	D-874	1.3

HEALTH & SAFETY AND ENVIRONMENT

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product in accordance with the applicable legislation.