



PROTECTOR MCS 3005

Low Speed Marine Engine Cylinder Oils

PRODUCT DESCRIPTION

PROTECTOR MCS 3005 is marine engine oil that produced with high quality base oils and modern additive combinations for use in low Sulphur content diesel fuel user low speed crosshead marine engines. These products can also be used as piston cooling oil and system oils at marine machines.

ADVANTAGES

- Smoothly work at environment with water with its water contamination durable formulation.
- Provides high resistance against oxidation which is a main problem at the environments contain water and air.
- Decrease maintenance costs with providing long service life by excellent resistance against wear.
- Prevent wear arising from heavy load by creating unique oil film layer with its heavy load resistant formulation.
- Provide foaming resistant structure.

CHARACTERISTIC PROPERTIES

Viscosity Grade : SAE 30

Test	Birim	Test Metodu	Typical Değerler
			MCS 3005
Density, 15°C	g/cm ³	ASTM D 4052	0,8903
Viscosity, 40°C	cSt	ASTM D 445	98,19
Viscosity, 100°C	cSt	ASTM D 445	11,05
Viscosity Grade	-	ASTM D 2270	97
Pour Point	°C	ASTM D 97	-18
Flash Point	°C	ASTM D 92	254
TBN	mg KOH/g	ASTM D 2896	6,2

All the information and figures mentioned above are typical of those obtained with normal production tolerance and verified with quality control test results.



ADDITIONAL INFORMATION

Package

- 180 kg
- IBC
- Bulk

Storage

- Packages should be stored in cool, well-ventilated and covered areas; and their taps should be tightly closed and sealed when not in use.
- Packages should not be exposed to direct sunlight and avoid rapid climatic changes.
- Ambient temperature should not exceed 60 °C.

Shelf Life

- Under the appropriate storing conditions suitable to the declared circumstances, maximum shelf life of the products are two years.

Health and Safety

Based on the available information, PROTECTOR MCS 3005 is not expected to produce adverse effects on health when used for the intended application and aligned with the recommendations provided in the; "Material Safety Data Sheet" (MSDS). MSDS's are available upon request through your sales contact office or representative.

When disposing the used product, physical and chemical properties have to be taken into the consideration, and please follow the regional or national regulations.

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