petrogulf® marine

Product Data Sheet

PETROGULF MARINE SYSTEM OIL

Product Grade I 3005 I 3006 I 3008

PRODUCT DESCRIPTION

Petrogulf Marine System Oil is a premium-quality oil designed for modern, highly rated low-speed crosshead marine engines, including those that use system oil for piston cooling. It is formulated from high-quality paraffinic base oils and the latest additive technology to provide excellent thermal stability and oxidation resistance. The oil has sufficient alkalinity to neutralize strong acids that may enter the crankcase as a result of fuel sulphur combustion. It is available in SAE 30 viscosity grade with a BN (Base Number) ranging from 5 to 8.

FEATURES & BENEFITS

- Excellent thermo oxidative stability retards oil degradation and facilitates piston cooling
- Improved detergency keeps crankcase clean
- Superior water separation characteristics result in trouble free operations
- Special rust inhibitors protect critical bearing surfaces from rusting
- Adequate BN ensures protection against corrosive combustion products
- Good load bearing capabilities reduce wear in heavily loaded bearings

APPLICATIONS

- Recommended for crankcase lubrication in the latest highly rated low speed crosshead marine engines including those employing system oil for piston cooling

OEM REQUIREMENTS

- MAN B&W 2-stroke engines
- WÄRTSILÄ WIN GD
- MITSUBISHI HEAVY INDUSTRIES (MHI- MME) UE Series 2 stroke diesel engines

TYPICAL CHARACTERISTICS

PROPERTIES	TYPICAL VALUES		
Product Grade	**3005**	**3006**	**3008**
Kinematic Viscosity @ 40°C, cSt	99.5	99.3	99.5
Kinematic Viscosity @ 100°C, cSt	11.0	11.0	11.0
Viscosity Index	95	95	95
Density @ 15°C, Kg/L	0.886	0.887	0.890
Pour Point, °C	-21	-21	-18
Flash Point, °C	230	230	230
Foaming Seq I, II, III	50/0, 20/0, 50/0	50/0, 20/0, 50/0	50/0, 20/0, 50/0
TBN (mg KOH/gm)	5.2	6.2	8.2
Product Code	32600010001	32600020001	32600030001

*** These characteristics are typical of current production. While future production will conform to Petrogulf's specification, variations in these characteristics may occur.*

HANDLING, HEALTH AND SAFETY

- In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with skin.
- Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose off the used oil correctly; don't pour down drains, into watercourses or the soil.
- Petrogulf will not accept liability if the product is used other than in manner or with the precautions, or for the purpose specified. Before the product is used other than directed advice should be obtained from Petrogulf local office.

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