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Product Data Sheet (PDS)



GP MARGEN MARINE 5070 (GS)

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Marine Cylinder Oil specially designed for modern Low Speed 2-stroke Marine Diesel Engines using High Sulphur Heavy Fuel Oil (HFO).

Product Description:

GP MARGEN MARINE 5070 (GS) is a superior quality Marine Cylinder Lubricant (MCL) designed for modern low speed crosshead diesel engines operating on residual fuels having sulphur content in excess of 1%. This oil is specially developed for diesel engines operating with higher pressures & temperatures and longer strokes. This oil is available in SAE 50 viscosity grade with a BN (Base Number) of 70. This oil possesses outstanding acid neutralizing capability and provides excellent engine cleanliness and durability.

Features & Benefits:

- Outstanding acid neutralizing capability helps to prolong the life of engine components.
- Superior detergency minimizes deposits on critical parts viz. pistons, piston rings, ring grooves and cylinder ports.
- Enhanced anti-wear property minimizes piston ring & cylinder wear leading to reduced maintenance costs.
- Good compatibility with all normal seal materials.

Applications:

- Recommended for cylinder lubrication of the latest, highly rated low speed crosshead marine diesel engines operating on residual fuels with sulphur contents in excess of 1%.
- The feed rates recommended by the manufacturer should be maintained as the minimum. Higher feed rates may be required during running-in.

TECHNICAL DATA:

Sr. No	Characteristics	Test Method	Results
01	SAE		50
02	TBN		70
03	Viscosity @ 100 0C, cSt	D 445	19.89
04	Viscosity Index	D 2270	99
05	Flash Point, 0C	D 92	245
06	BN, mg KOH/g	D 2896	70
07	Pour Point, 0C	D 97	-18
08	Density @ 15 0C, kg/l	D 4052	0.932

Health and Safety:

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

