



[www.generalpetroleum.de](http://www.generalpetroleum.de)

# Product Data Sheet (PDS)



## GP MARGEN MARINE 3006 (CH)

**Published By:** Quality

Control Department of  
General Petroleum GmbH  
Frankfurt, Germany

**Last Update Date:**

1/8/2023

Marine Engine Crankcase Oil based on latest generation additive technology specifically designed for modern Low Speed 2-stroke Marine Main Engines with Excellent Load Carrying Capabilities and Superior Crankcase Cleanliness.

## Product Description:

GP MARGEN MARINE 3006 (CH) is premium quality system oil designed for modern highly rated low speed crosshead marine engines including those employing system oil for piston cooling and common hydraulic systems. This oil is formulated from high quality paraffinic base oils with latest additive technology to provide excellent thermal stability, oxidation resistance and improved anti-wear properties. It has adequate alkalinity to neutralise strong and weak acids which may enter into the crankcase resulting from the combustion processes and fuel sulphur. This oil is available in SAE 30 viscosity grade with a BN (Base Number) of 6.

## 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 corrosion.
- Adequate BN ensures protection against corrosive combustion products.
- Good load bearing capabilities reduce wear in heavily loaded steel to steel meshing and rubbing components such as gears and cams.

## Applications:

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

**TECHNICAL DATA:****SAE VISCOSITY GRADE: SAE 30**

Sr. No	Characteristics	Test Method	Results
01	FZG test (A/8.3/90), fail load stage	D 5182	11
02	Sulphated Ash, %w	D 874	0.851
03	Viscosity @ 100 0C, cSt	D 445	11.12
04	Viscosity Index	D 2270	98
05	Flash Point, 0C	D 92	222
06	BN, mg KOH/g	D 2896	6
07	Pour Point, 0C	D 97	-18
08	Density @ 15 0C, kg/l	D 4052	0.892

**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.

