

Petrogulf Marine System Oil

Marine Engine Crankcase Oil for Low Speed 2-stroke Marine Diesel Engines

PRODUCT DESCRIPTION

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

TYPICAL PROPERTIES

Petrogulf Marine System Oil				
API/ISO :		3005	3006	3008
SAE :		30	30	30
PROPERTIES	ASTM			
Appearance	Visual	B & C	B & C	B&C
Vis@100 (cSt)	D-445	10.2 - 12.5	10.2 - 12.5	10.2 - 12.5
Vis@40 (cSt)	D-445	Report	Report	Report
Viscosity Index	D-2270	>95	>95	>95
Specific Gravity, 29.5°C	D-4052	0.880-0.891	0.880-0.891	0.880-0.891
Pour Point (degC)	D-97	-6	-6	-6
Flash Point(degC)	D-92	>225	>225	>225
Foaming	D-892	NIL	NIL	NIL
TBN (mg KOH/g)	D-2896	4.5 - 5.7	5.5 - 6.5	7.5 - 8.8

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

HANDLING, HEALTH AND SAFETY

- ❖ Lubricants consisting of highly refined mineral oils with specific additives under normal conditions of use, 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, used oil correctly; don't pour down drains, into water courses or the soil.
- ❖ Take used oil to an authorized collection point.