



# Gulfmar Cyloil

**Premium quality marine cylinder lubricant for low speed marine diesel engines**

## Product Description

**Gulfmar Cyloil** 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 & SAE 60 viscosity grades with a TBN (Total Base Number) of 50, 70 & 100. Each grade has got a suffix of 3 or 4 digits in which the first digit indicates the SAE grade (e.g. 5 indicates SAE 50 and 6 indicates SAE 60) and the last two or three digits indicate the TBN. These oils possess outstanding acid neutralising capability and provide excellent engine cleanliness and durability.

## Features & Benefits

- Outstanding acid neutralising capability helps to prolong the life of engine components
- Superior detergency minimises deposits on critical parts viz. pistons, piston rings, ring grooves and cylinder ports
- Enhanced antiwear property minimises 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 when running new liners and/or rings

## Specifications, Approvals & Typical Properties

Gulfmar Cyloil		550	650	570	670	5100	6100
Typical Properties	SAE Grade	50	60	50	60	50	60
	TBN	50		70		100	
Test Parameters	ASTM Method	Typical Values					
Viscosity @ 100 °C, cSt	D 445	18.3	23.	18.5	24.1	18.5	24.2
Viscosity Index	D 2270	96	95	96	95	96	95
Flash Point, °C	D 92	245	246	246	246	248	248
Pour Point, °C	D 97	-18	-18	-18	-18	-18	-18
TBN, mg KOH/g	D 2896	50	50	70	70	100	100
Density @ 15°C, Kg/l	D 1298	0.921	0.923	0.934	0.936	0.955	0.958
Sulphated Ash, %wt	D 874	6.4	6.4	9.0	9.0	12.8	12.8

Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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