Gulfmar AC
Premium quality system oil for low speed marine diesel engines

Product Description

Gulfmar AC is a 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 neutralise any strong acids which may enter into the crankcase resulting from the combustion of fuel sulphur. This oil is available in SAE 30 & SAE 40 viscosity grades with a TBN (Total Base Number) of 5, 6 & 7. Each grade has got a suffix of 3 digits in which the first digit indicates the SAE grade (e.g. 3 indicates SAE 30 and 4 indicates SAE 40) and the last two digits indicate the TBN.

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 TBN 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

Specifications, Approvals & Typical Properties

Gulfmar AC		305	405	306	307	407
SAE Grade		**30**	**40**	**30**	**30**	**40**
TBN		**05**		**06**	**07**	
Typical Properties						
Test Parameters	ASTM Method	Typical Values				
Viscosity @ 100 ºC, cSt	D 445	11.2	14.2	11.1	11.3	14.3
Viscosity Index	D 2270	98	96	96	97	96
Flash Point, ºC	D 92	232	240	220	236	240
Pour Point, ºC	D 97	-18	-18	-18	-18	-18
TBN, mg KOH/g	D 2896	5	5	6	7	7
Density @ 15ºC, Kg/l	D 1298	0.886	0.889	0.893	0.889	0.890
Sulphated Ash, %wt	D 874	0.8	0.8	0.85	1.0	1.0

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