

System Oil SAE 20 TBN 5

Description

Marine SO 5 Series are high quality marine system oil, formulated from solvent-refined paraffin base oils having high thermal stability and resistance to oxidation. These inherent base oil characteristics are augmented by a balanced additive package containing oxidation inhibitors, alkaline detergents, dispersants and antifoam agents. They have been developed specifically for use as system oils in modern high-output cross-head type marine diesel engines. They provide adequate lubrication for bearings and other moving parts, including cams and gears, plus effective cooling of pistons in cross-head engines. Marine SO 5 series are a high performance system oil that ensure enhanced cleanliness for two-stroke, crosshead type marine diesel engines operating under severe conditions.

REDEFINING LIQUID ENGINEERING

Performance Benefits

Clean crankcase and circulation tanks	Outstanding piston-cooling efficiency
Provide Improved rust protection	Excellent TBN retention with low oil consumption
Superior FZG performance and retention without impact to demulsibility	Excellent thermal stability can lead to reduced carbon deposits and sludge formation

Applications

TESTING METHODS	RESULTS
SAE GRADE	SAE 20
VISCOSITY, ASTM D445	
cSt @ 40 °C	61.25
cSt @ 100 °C	8.49
Viscosity Index, ASTM D 2270	5
Sulfanated Ash, Wt%, ASTM D874	1.0

Total Base # , mg KOH/g, ASTM D 2896	100
Pour Point, °C, ASTM D 97	-20
Flash Point, °C, ASTM D 92	240
Density @ 15°C kg/l, ASTM D 4052	0.89

Approval

PRODUCTS AVAILABLE IN 18L, 200L

Health, Safety & Environment

Health and Safety

- Our Lubricant is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.
- Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.advancelubholdings.com>
- Protect the Environment Take used oil to an authorized collection point.
- Do not discharge into drains, soil or water. Additional Information Advice on applications not covered here may be obtained from our representative.