



ENMAR MARINE TURBINE GT-2

PRODUCT DESCRIPTION

ENMAR MARINE TURBINE GT-2 is manufactured from special high-quality turbine-grade base oils with high temperature corrosion and oxidation inhibitors designed for modern high performance Industrial Gas Turbines. The result is a product that exhibits outstanding oxidation performance to meet the requirements of severe operational conditions. It can ensure precise operation of servo-hydraulic controls and offers good corrosion protection. They also have excellent antifoam and air release characteristics which is important for the precision of the servo-control systems.

APPLICATIONS

- ◆ All types of stationary industrial gas turbines
- ◆ Turbine gear sets which do not require extreme pressure performance lubricants
- ◆ High pressure and high temperature steam turbines
- ◆ High thermal efficiency combined cycle gas and steam turbine units

RECOMMENDATIONS

ENMAR MARINE TURBINE GT-2 has been developed to meet General Electric and other major Turbine manufacturer specifications for Industrial gas turbines where high gas temperatures in the bearing housings can be experienced. It has good rationalization properties which are important for operators who need to lubricate all types of gas and combined gas and steam turbines designed to operate on high performance mineral oil lubricants.

ENMAR MARINE TURBINE GT-2 PROVIDES

- ◆ Extended oil service life using special high temperature oxidation inhibitors
- ◆ Low maintenance and downtime using special severely refined base oils giving long life oxidation resistance
- ◆ Precise servo-control valve operation through control of formation of harmful deposits
- ◆ Rationalization capability where gas and steam turbine units are combined

Technical Data*				
ISO Grade	32	46	68	100
TOST Hrs to TAN = 2.0 mg KOH/g	>10000	>10000	>10000	>6500
RBOT mins ASTM D 2272 (Modified)	>1300	>1300	>1200	>1200
Viscosity, mm ² /s @40°C	31.70	47.66	69.69	99.7
Viscosity, mm ² /s @100°C	5.39	7.06	9.02	11.34
Viscosity Index	103	105	103	100
Flash Point, COC °C	230	234	236	250
Pour Point, °C	-18	-18	-18	-12

*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENMAR Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.

Issued by ENMAR

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