

SENT-MARINE 17331

STEAM TURBINE AND GEAR LUBRICATING OIL

MILITARY SPECIFICATION: MIL-PRF-17331K

DESCRIPTION:

SENT-MARINE 17331 is a high quality steam turbine and gear lubricating oil uniquely formulated for use on naval surface vessels and submarines. The product meets specific performance requirements as per military standard and passes all health and safety assessments as required by the U.S. Navy.

APPLICATION:

SENT-MARINE 17331 is recommended for use in main and auxiliary turbines and gears, air compressors and certain hydraulic equipment as well as for general mechanical lubrication on naval surface vessels and submarines.

PERFORMANCE CHARACTERISTICS:

- Excellent demulsibility
- Rust inhibited
- High thermal and oxidation stability to prolong service life
- Good antifoam and air release properties

APPROVALS:

SENT-MARINE 17331 is fully approved by the U.S. Navy and has been tested against U.S. Military Specification MIL-PRF-17331K, Military symbol 2190 TEP and NATO SYMBOL 0-250.

HANDLING PRECAUTIONS:

It is recommended to use neoprene or nitrile rubber gloves and safety glasses or chemical splash goggles when handling **SENT-MARINE 17331**. The Safety Data Sheet should be consulted for specific information and for information on health and safety when handling the product.



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SPECIFICATIONS:

	Typical
Flash Point, °C, COC, min.	204
Pour Point, °C, max.	-6
Lbs per U.S. Gal. @ 15.6°C)	7.22
Lbs per Imp. Gal. @ 15.6°C	8.67
Viscosity @ 100°C, cSt	9.03-11.03
Viscosity @ 40°C, cSt	74.0-87.6
Long-Term Storage Temperature, max.	45°C (113°F)
Unloading Pumping Temperature, max.	70°C (158°F)

Equipment Recommendations:

Type of Pump	Positive Displacement
Type of Transfer Line	Ball Launched, Insulated, Steam Traced Using 107°C (225°F) Steam, max.
Type of Heat Source	Steam 107°C (225°F)
Storage Tank	Suction Heater in Cold climated Only

