

Hanasaki Marine Turbine Oil Series

Premium Quality Marine Turbine Oil

Product Description

Hanasaki Marine Turbine Oil Series are formulated with high viscosity index base oils and advanced ashless additives to provide outstanding performance and protection in turbines. These lubricants have outstanding oxidation resistance and thermal stability at high temperature. They also have high load-carrying capacity and excellent affinity for metal surfaces to protect against wear. The natural detergency in the lubricants provides improved cleanliness and protect against rust and corrosion. Their excellent low temperature properties allow them to be used over a wide range of temperatures. Hanasaki Marine Turbine Oil Series of lubricants are recommended for use in steam, gas and hydraulic turbine system.

Hanasaki Marine Turbine Oil Series offers the following benefits to their users:

- 1) Superior oxidation and thermal stability enable longer services life and cleaner turbines.
- 2) Excellent anti-wear protection
- 3) Superior water separation capability resulting in less processing and disposal cost (minimizes purification needs).
- 4) Low foaming and rapid air release allowing full fluid lubrication in high speed bearings and meshing gear teeth.

Performance Standards

GEK 32568F, GEK 107395, DIN 51524 Part 1 (HL), DIN 51524 Part 2

Typical Properties

Properties	ISO Viscosity Grade			
	32	46	68	100
Viscosity @ 40°C (ASTM D445) , cst	32	46	68	100
Viscosity @ 100°C (ASTM D445) , cst	5.7	7.1	9.1	11.4
Viscosity Index	118	112.0	107	100
Pour Point (ASTM D97) , °C	-12	-12	-9	-9
Flash Point (ASTM D92) , °C	176	216	216	231
Density @ 15°C (ASTM D4052) , kg/l	0.880	0.852	0.868	0.875

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended applications and the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS is available upon request through your sales contact at Hanasaki. This product should not be used for purposes other than its intended use. When disposing of used product, please take care to protect the environment.