



Daphne Super Turbine Oil Series

High Performance Turbine Oil

Description

Daphne Super Turbine Oil is a super long life premium turbine oil formulated with highly refined hydrotreated paraffinic base oil incorporating various additives such as oxidation inhibitor, rust prevention additive, anti-foaming and oiliness agents.

Application

Specially formulated for use in turbo system such as large steam turbine, high-speed turbo compressor, turbo compressor for chlorine gas and nuclear power generator.

Characteristics

1. **Exceptional Oxidation Stability** - A combination of oxidation inhibitor and highly refined hydrotreated base oil assures excellent oxidation stability under severe operating condition.
2. **Anti-Chlorine Property** - Highly refined base oil with special additive formulation for anti-chlorine gas and chlorine acid.
3. **Low Sulphur Content** - The highly refined hydrotreated base oil which has extremely low sulphur content further improves oxidation stability and deterioration due to the forming of acids.
4. **Excellent Anti-Corrosion & Anti-Rust Properties** - Effective rust preventive agent and corrosion inhibitor prevent corrosion caused by water and acid produced through deterioration process.

Packing

20L pail, 200L drum

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**Typical Specifications****Daphne Super Turbine Oil Series**

Available Grades	ASTM METHOD	<u>32-S</u>	<u>46-S</u>	<u>56-S</u>	<u>68-S</u>
Colour	D-1500	L0.5	L0.5	L0.5	L0.5
Density 15 °C g/cm ³	D-4052	0.8682	0.8707	0.8717	0.8729
Flash Point (COC) °C	D-92	234	238	228	242
Viscosity, cSt @ 40 °C	D-445	30.92	47.48	56.16	69.16
@ 100 °C		5.263	6.930	7.770	8.777
Viscosity Index	D-2270	101	101	102	101
Pour Point °C	D-6749	-15	-15	-15	-15
TAN (mgKOH/g)	D-974	0.08	0.09	0.09	0.09
Sulphated Ash wt%	D-874	<0.01	<0.01	<0.01	<0.01
Copper Corrosion (100°C x 3h)	D-130	1(1a)	1(1a)	1(1a)	1(1a)

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