



Daphne Turbine Oil Series

High Performance Turbine Oil

Description

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

Application

Specially formulated for use in high-speed bearings of steam, marine and various gas turbines as well as blowers, pumps, electric motors and centrifugal refrigerators. From the standpoint of oil unification, it can also be used as a generic hydraulic fluid.

Characteristics

1. **Outstanding Oxidation Stability** - Addition of special oxidation inhibitor improves service life.
2. **Excellent Water Separation** - Able to withstand long continuous operation.
3. **Low Temperature Fluidity** - Its low temperature fluidity makes it suitable for cold weather operations.
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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Lubricant Product Information



Typical Specifications

Daphne Turbine Oil Series

Available Grades	ASTM METHOD	<u>32-S</u>	<u>46-S</u>	<u>56-S</u>	<u>68-S</u>	<u>83-S</u>	<u>100-S</u>
Colour	D-1500	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5
Density 15 °C g/cm ³	D-4052	0.8630	0.8660	0.8672	0.8670	0.8749	0.8733
Flash Point (COC) °C	D-92	226	234	242	258	248	260
Pour Point °C	D-6749	-20.0	-27.5	-27.5	-25.0	-18.0	-15.0
Viscosity, cSt @ 40 °C	D-445	31.27	45.47	56.09	68.00	80.22	96.83
@ 100 °C		5.365	6.927	7.950	9.260	9.687	11.32
Viscosity Index	D-2270	105	108	109	109	98	103
TAN (mgKOH/g)	D-974	0.08	0.08	0.08	0.08	0.07	0.08
Sulphated Ash wt%	D-874	<0.01	<0.01	<0.01	<0.01	-	<0.01
Copper Corrosion (100°Cx3 hrs)	D-130	1	1	1	1	-	1

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