



## Idemitsu Apollo (Thailand) Co., Ltd.

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# DAPHNE TURBINE OIL 46

## 1. Application

This oil suitable application for high speed bearings of steam, marine and various gas turbines as well as blowers, pumps, electric motors and centrifugal refrigerators. It's also oil unification standpoint of view, serves for generic hydraulic fluid.

## 2. Quality

High quality "multi-inhibited" type turbine oil, refined by the most advanced process, hydro-treating process, with various additives.

## 3. Characteristic

This oil is outstanding in respect of oxidation stability, rust preventive properties and anti-foaming characteristic, so it stands long continuous operation as well as to keep good water separation property and low temperature fluidity.

## 4. Typical Specification

				<u>ASTM Method</u>
Density	@15 °C	g/cm <sup>3</sup>	<b>0.8670</b>	D-1298
Color	ASTM		<b>L 0.5</b>	D-1500
Reaction			<b>Neutral</b>	-
Flash Point	C.O.C.	°C	<b>234</b>	D-92
Viscosity	@ 40 °C	mm <sup>2</sup> /s	<b>46.15</b>	D-445
	@ 100 °C	mm <sup>2</sup> /s	<b>6.871</b>	D-445
Viscosity Index			<b>104</b>	D-2270
Pour Point	°C		<b>-45.0</b>	D-97
Total Acid Number		mgKOH/g	<b>0.06</b>	D-974
Copper Corrosion	100 °C x 3 Hrs.		<b>1b</b>	D-130

- Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provide in the Safety Data Sheet (SDS) are followed.
- SDS is available upon request through your sales contract office, or E-Mail : [order@apollothai.com](mailto:order@apollothai.com)
- Due to continual product research and development, the information contained herein is subject to change without notification.