



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

### บริษัท อี데미ตสึ อพอลโล (ประเทศไทย) จำกัด

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# DAPHNE SUPER TURBINE OIL MG 46

Very pressure-long life turbine oil

## 1. Application

Daphne super turbine oil MG is a lubricant such as a gas turbine. This oil is of Mitsubishi Heavy Industries, Ltd. It is designed to clear the MS04-MA-CL003 standard

## 2. General

Daphne super turbine oil MG volatile antioxidant highly hydrogen quality treated paraffinic base oils, extreme pressure agents, rust inhibitors arrangement. It is a revolutionary ultra-life turbine oil blended with various additives such as anti-foaming agent.

## 3. Characteristics

- (1) Excellent oxidation stability even at high temperature use such as a gas turbine, is the turbine oil of ultra-long life.
- (2) Containing the sulfur content is extremely small, has excellent oxidation stability, to prevent discoloration of the white metal.
- (3) Lubricity is excellent, I will suppress bearing, the wear of the lubricating points of deceleration and the like.
- (4) Other It has the necessary characteristics as bearing oil

## 4. Viscosity Grades and Corresponding to JIS Specification

ISO Grade	:	46
JIS Specification	:	K 2213 Turbine Oil ISO VG 46 Type 2

- 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.



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## 5. Typical Specification

				<u>ASTM Method</u>
Specific Gravity	15/4 °C		<b>0.8673</b>	D-1298
Color	ASTM		<b>L0.5</b>	D-156
Flash Point	C.O.C.	°C	<b>230</b>	D-92
Viscosity	@ 40 °C	cSt	<b>45.51</b>	D-445
	@ 100 °C	cSt	<b>6.776</b>	D-445
Viscosity Index			<b>102</b>	D-2270
Pour Point	°C		<b>-17.5</b>	D-97
Acid Number		mgKOH/g	<b>0.12</b>	D-974
Foaming	@ 24 °C	ml.	<b>0-0</b>	D-892
Copper Corrosion	100 °C x 3 Hrs.		<b>1</b>	D-130
Emulsion Characteristics	@ 54 °C		<b>-</b>	D-1401
Rotary Bomb Oxidation Test	@ 150 °C	min	<b>1777</b>	D-227
Turbine oil Oxidation Stability	@95 °C	hr	<b>7000&gt;</b>	D-943

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