



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

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# DAPHNE GEAR LUBE SERIES

## High Performance Gear Oil

### 1. Application

1. Lubricating oil for various closed type gear speed reducers.
2. Bearing and gear applications where particularly high oil film strength is required.

### 2. Quality

A high-quality mineral oil refined from paraffinic base crude by the most advanced hydro-treating process and add various additives such as special extreme pressure agent, oiliness agent.

### 3. Characteristic

1. Excellent anti-pitting, and anti-wear and anti-seizure properties help to extend service life of gear.
2. Low friction property saves electric power consumption.
3. High oxidation resistance property assures longer oil life.
4. Excellent separation from water.
5. Excellent anti-rust property.
6. Excellent anti-foam property.

### 4. Typical Specification

			<u>68</u>	<u>100</u>	<u>150</u>	<u>220</u>	<u>320</u>	<u>460</u>	<u>ASTM Method</u>
Color			L3.5	L1.0	L1.5	L1.5	L2.0	L2.0	D-1500
Density	@15 °C	g/cm <sup>3</sup>	0.8831	0.8810	0.8878	0.8941	0.900	0.9055	D-1298
Flash Point	C.O.C.	°C	234	240	248	246	250	252	D-92
Viscosity	@ 40 °C	mm <sup>2</sup> /s	68.03	101.0	150.2	220.9	316.2	455.9	D-445
	@ 100 °C	mm <sup>2</sup> /s	8.732	11.16	14.60	17.78	23.93	30.26	D-445
Viscosity Index			100	96	96	95	96	96	D-2270
Acid Number		mgKOH/g	0.46	0.58	0.56	0.56	0.57	0.56	D-974
Copper Corrosion	100 °C x 3 Hrs.		1b	1b	1b	1b	1b	1b	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.