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DAPHNE SUPER GEAR OIL SERIES

High performance Gear oil with molybdenum disulfide additive

1. Description

Daphne Super Gear Series is a superior quality gear oil formulated with high quality paraffinic mineral oil refined by the most advanced hydro-treating process incorporating various additives such as oxidation inhibitor, rust prevention additive, anti-foaming and oiliness agents to provide excellent performance.

2. Application

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

3. Characteristic

1. Excellent anti-pitting, anti-wear and anti-seizure properties help to extend service life of gear with molybdenum disulfide additive
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

			68	100	150	220	320	460	680	ASTM Method
Density	@15°C	g/cm^3	**0.8738**	**0.8793**	**0.8858**	**0.8928**	**0.8981**	**0.9034**	**0.9075**	D-1298
Flash Point	C.O.C.	°C	**243**	**250**	**248**	**262**	**266**	**287**	**290**	D-92
Viscosity	@ 40 °C	mm^2/s	**68.14**	**99.71**	**146.8**	**224.7**	**316.2**	**450.9**	**673.6**	D-445
	@ 100 °C	mm^2/s	**9.075**	**11.30**	**14.89**	**19.16**	**23.82**	**30.85**	**38.80**	D-445
Viscosity Index			**108**	**99**	**98**	**98**	**95**	**97**	**95**	D-2270
Pour Point		°C	**-37.5**	**-35.8**	**-32.7**	**-28.3**	**-20.8**	**-21**	**-12.5**	D-97
Acid Number		mgKOH/g	**0.55**	**0.57**	**0.59**	**0.59**	**0.59**	**0.55**	**0.38**	D-974
Copper Corrosion	100 °Cx3 Hrs.		**1b**	**1b**	**1b**	**1b**	**1b**	**1a**	**1a**	D-130
FZG Gear Test (Limit Stage)			**14**	**14**	**14**	**14**	**14**	**14**	**14**	-

- 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
- Due to continual product research and development, the information contained herein is subject to charge without notification.