



Idemitsu Apollo (Thailand) Co., Ltd.

บริษัท อี데미ตสึ อพอลโล (ประเทศไทย) จำกัด

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DAPHNE SUPER HYDRO A

~ Non-Zn, Extremely low sludge ~

1. Application

Daphne Super Hydro A is a hydraulic oil for various hydraulic equipment, provided for advance technology of new machine with high speed and high-pressure condition.

2. Quality

A high- quality mineral oil, refined from paraffinic base crudes, by most advanced process, hydro- treating process, with special high heat stability additives.

3. Characteristics

1. Excellent anti-wear properties will help to extend the pump service life and assure trouble-free.
2. No zinc for better hydrolysis properties better anti-sludge and less oil color change.
3. Excellent fluid lubrication between cylinder and packing prevents stick-slip of cylinder and control noise.
4. Separates quickly from water. Excellent anti-foam performance.
5. Improved oxidation stability and rust preventive properties.

4 Equivalent standard

It meets ISO 11158 HM, ASTM D 6158HM, DIN 51524 HLP.

5 Typical standard

TEST	DAPHNE SUPER HYDRO A			
	32	46	68	
Density @15°C g/cm ³	0.8580	0.8652	0.8725	
COLOR ASTM	L0.5	L0.5	L0.5	
Flush point COC °C	210	222	230	
Kinetic Viscosity mm ² /s	@40°C	32.57	46.27	67.29
	@100°C	5.771	7.143	8.804
Viscosity index	119	114	106	
Pour point °C	-40.0	-40.0	-32.5	
Acid number mgKOH/g	0.17	0.17	0.17	
Foaming @24°C ml	0-0	0-0	0-0	

- 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 change without notification.