



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

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## DAPHNE SUPER FLUID SERIES

### ~ Superior Anti-wear Hydraulic Oil ~

#### 1. Application

**Daphne Super Fluid Series** is a hydraulic oil for various hydraulic equipment, and especially for those with high pressure or high-speed hydraulic pump.

#### 2. Quality

A high-quality mineral oil, refined from paraffinic base crudes, by most advanced process, hydro- treating process, and containing various additives to provide excellent performance.

#### 3. Characteristics

1. Excellent anti-wear properties will help to extend the pump service life and assure trouble-free.
2. High oxidation resistance assures longer oil life and prevents sliding elements from sticking caused by formation of sludge.
3. Excellent fluid lubrication between cylinder and packing prevents stick-slip of cylinder and control noise.
4. Separates quickly from water.
5. Good rust preventive and anti-foam property.

#### 4. Typical Specification

			<b>32</b>	<b>46</b>	<b>68</b>	<b>ASTM</b>
<b>Specific Gravity</b>	15 °C	g/cm <sup>3</sup>	0.8767	0.8808	0.8854	D-1298
<b>Color</b>	ASTM		L 1.0	L 1.0	L 1.5	D-1500
<b>Flash Point</b>	C.O.C.	°C	216	226	232	D-92
<b>Viscosity</b>	@ 40 °C	cSt	32.42	46.11	67.56	D-445
	@ 100 °C	cSt	5.483	6.867	8.733	D-445
<b>Viscosity Index</b>			104	104	101	D-2270
<b>Total Acid Number</b>		mgKOH/g	0.94	0.94	0.94	D-974
<b>Copper Corrosion</b>	100 °C x 3 Hrs.		1a	1a	1a	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.