



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

### บริษัท อี데미ตสึ อพอลโล (ประเทศไทย) จำกัด

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# DAPHNE SUPER SCREW Series

## High Performance Super Long Life Screw Compressor Oil

### Description

Daphne Super Screw Compressor Oil Series is a range of super long life screw compressor oil formulated with highly refined mineral base oil formulated and carefully selected additives including the antioxidant for high temperature. Especially, it has super long oil service life with excellent oxidation stability, it is not affected by external contaminants such as oil mist or deteriorated residue etc. of cutting lubricant.

### Application

It is formulated for screw type of compressor with super long oil service life.

### Characteristics

1. Excellent high temperature oxidation stability – prevent the machine from sludge formation during high temperature of operation.
2. Prevent sludge formation by the residual oil contamination and deterioration of cutting oil mist.
3. Excellent rust prevention ability & water separation performance – prevent the moisture in the air to mix in the oil causes corrosion to compressor, water content is easily drained out.
4. Strong copper corrosion inhibitor – prevent oil from deteriorating and changing in quality by the influence of copper.

### Available ISO grade

VG32, VG46

### Packing

20L Pail & 200L Drum

- 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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## Typical Specifications

	TYPE OF TEST METHOD	VG 32	VG 46
Density 15 °C g/cm <sup>3</sup>	ASTM D-4052	0.8579	0.8685
Colour	ASTM D-1500	L1.5	L0.5
Flash Point (COC) °C	D-92	240	230
Viscosity, cSt @ 40 °C mm <sup>2</sup> /s	D-445	31.45	45.34
@ 100 °C mm <sup>2</sup> /s		5.53	6.793
TAN (mgKOH/g)	D-974	0.06	0.07
Copper Corrosion (100°C x 3h)	D-130	1(1B)	1(1B)
RBOT Value	-	1920	1860

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