



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

### บริษัท อี데미ตสึ อพอลโล (ประเทศไทย) จำกัด

Chonburi office : 700/623 Moo 4, Amata City Chonburi Industrial Estate, Bankao, Panthong, Chonburi 20160, Thailand Tel: +66 38 456 900

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# DAPHNE SUPER CS SERIES

## High Performance Air Compressor Oil

### 1. Description

Daphne Super CS Series is a range of premium lubricating oil for use in cylinder and crankcase of reciprocating type air compressors. It specially formulated with highly refined paraffinic base oil incorporating various additives such as oxidation inhibitor, rust prevention additive, anti-foaming, water separation and oiliness agents.

### 2. Application

Specially formulated for use in cylinder and crankcase of reciprocating type air compressors. It can be used as wet type air filter oil.

### 3. Characteristics

1. **Narrow Distillation Range** - Combination of highly refined base oil enables the oil to have better oxidation stability that reduces impurities and carbon residues/deposits which will in turn prevents contamination and hence that improves its service life.

2. **Excellent Water Separation** - Able to withstand long continuous operation.

3. **Excellent Control of Carbon & Deposits** - Prevention of fire and explosion hazard from the control and reduction of carbon formation and deposits.

4. **Excellent Anti-Corrosion & Anti-Rust Properties** - Effective rust preventive agent and corrosion inhibitor prevent corrosion caused by water and acid produced through deterioration process.

### 4. Corresponding to SAE number and application

Daphne Super CS 46: SAE 15: Air Compressor

Daphne Super CS 68: SAE 20: Air Compressor

Daphne Super CS 100: SAE 30: Air Compressor

\* Note: Not to be used in Rotary Air Compressor.

### 5. 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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## 6. Typical Specification

			<u>46</u>	<u>68</u>	<u>100</u>	<u>ASTM Method</u>
Color	ASTM		L 1.5	L 1.5	L2.5	D-1500
Density	@ 15 °C	g/cm <sup>3</sup>	0.8842	0.8952	0.8916	D-1298
Viscosity	@ 40 °C	mm <sup>2</sup> /s	46.94	68.42	102.1	D-445
	@ 100 °C	mm <sup>2</sup> /s	6.414	7,646	11.33	D-445
Flash point	C.O.C	°C	220	240	266	D-92
	P.M	°C	428	428	536	D-93
Pour point		°C	-22.5	-20.0	-7.5	D-97
Acid Number		mgKOH/g	1.50	1.46	1.46	D-974

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