



## 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

สำนักงานชลบุรี : 700/623 หมู่ 4 นิคมอุตสาหกรรมอมตะซิตี้ชลบุรี ต.บ้านเก่า อ.พานทอง จ.ชลบุรี 20160 โทร +66 38 456 900

Rayong office : 7/467 Moo 6, Amata City Rayong Industrial Estate, Mabyangporn, Pluakdaeng, Rayong 21140, Thailand Tel: +66 38 018 333

สำนักงานระยอง : 7/467 หมู่ 6 นิคมอุตสาหกรรมอมตะซิตี้ระยอง ต.มาบยางพร อ.ปลวกแดง จ.ระยอง 21140 โทร +66 38 018 333

# DAPHNE THERMIC OIL 32 (B)

## High Performance Heat Transfer Oil

### 1. General

Daphne Thermic Oil is an excellent heat transmission oil, combined severe hydro treating base fluid with effective oxidation inhibitors.

### 2. Application

Daphne Thermic Oil is most suitable for long term application, both with open and closed heating systems. The recommended temperatures are up to 200 °C in open system, 300 °C in closed systems.

- |                             |                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------|
| 1. Asphalt plant industry   | : Asphalt thermo-controlling processes.                                              |
| 2. Textile industry         | : Heat-setting processes for synthetic filter textile<br>: Textile dyeing processes. |
| 3. Plastic forming industry | : Metallic dice thermo-controlling processes.                                        |
| 4. Chemical industry        | : Volatilization, Drying, Thermo-controlling processes.                              |

### 3. Characteristics

Daphne Thermic Oil has a specially refined base oil and carefully selected additions which proves exceptional oxidation stability and thermal decomposition resistance. Consequently minimize the viscosity changes and deposits-forming at the heating surfaces.

### 4. Notes

Periodical oil change is recommended, however, in case the carbonization took place at the circuit, request to change the oil immediately after flushing.

- 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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## 5. Typical Specifications

				<b>ASTM Method</b>
Specific Gravity	@ 15 °C	g/cm <sup>3</sup>	0.8605	D-4052
Color	ASTM		L 3.0	D-1500
Flash Point	C.O.C.	°C	222	D-92
Viscosity	@ 40 °C	mm <sup>2</sup> /s	32.77	D-445
	@ 100 °C	mm <sup>2</sup> /s	5.66	
Viscosity Index			113	D-2270
Acid Number		mgKOH/g	0.01	D-664
Pour Point		°C	-25.0	D-97

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