



บริษัท น้ำมันอพลโล (ไทย) จำกัด  
APOLLO (THAILAND) CO., LTD.



# DAPHNE PUNCH OIL AF-8A

High performance Punch oil

## 1. Application

For use on draw type and draw-less type forming of aluminum plate fins for air conditioners.

## 2. Quality

Very low-viscosity volatile synthetic oil containing a unique oiliness agent.

## 3. Characteristics

1. Good lubricity to aluminum and copper.
2. Non corrosive to aluminum and copper.
3. Excellent drying performance.
4. Colorless and low smelling.

## 4. Typical Specification

				<b>ASTM</b>
<b>Specific gravity</b>	15/4°C		<b>0.8492</b>	<b>D-1298</b>
<b>Color</b>	ASTM		<b>L0.5</b>	<b>D-1500</b>
<b>Flash point</b>	P.M.	°C	<b>140</b>	<b>D-92</b>
<b>Viscosity</b>	@ 40 °C	cSt	<b>7.021</b>	<b>D-445</b>
	@ 100 °C	cSt	<b>2.094</b>	<b>D-445</b>
<b>Acid number</b>		mgKOH/g	<b>0.04</b>	<b>D-974</b>
<b>Copper corrosion</b>	100 °C x 3 Hrs		<b>1(1a)</b>	<b>D-130</b>
	RT x 24Hrs		<b>1(1a)</b>	<b>D-130</b>
<b>Sulphur content</b>		wt%	<b>Trace</b>	-
<b>Chlorine content</b>		wt%	<b>Trace</b>	-
<b>Phosphorus content</b>		wt%	<b>Trace</b>	-

- 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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