



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



DAPHNE PUNCH OIL AF 2 SERIES

High performance Punch oil

1. Application

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

2. Quality

Highly refined low viscosity mineral oil containing a unique oiliness agent, copper corrosion inhibitor and rust preventive additive.

3. Characteristics

1. Good prolong the die life and finish fine surface.
2. Non-corrosive to aluminum and copper.
3. Colorless and very small smelling.
4. After forming no need to use trichloroethylene and the other chlorinated solvent.

4. Typical Specification

			<u>2A</u>	<u>2AS</u>	<u>2C</u>	<u>2Z</u>	<u>ASTM</u>
Density	15 °C	g/cm ³	0.7636	0.7627	0.7652	0.7290	D-1290
Color	ASTM		L 0.5	L 0.5	L 0.5	L 0.5	D-1500
Flash Point	P.M.	° C	53	50	54	52	D-92
Viscosity	@ 40 °C	cSt	1.328	1.270	1.410	1.359	D-445
Acid Number		mgKOH/g	0.01 >	0.01>	0.01>	0.01>	D-972
Copper Corrosion	100 °C x 3Hrs		1 (1a)	1 (1a)	1 (1a)	1 (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
- Due to continual product research and development, the information contained herein is subject to change without notification.

นิคมอุตสาหกรรมอมตะซิตี้ ชลบุรี 700/623 หมู่ที่ 4 ต.บ้านเก่า อ.พานทอง จ. ชลบุรี 20160 โทร. 0-3845-6900 แฟกซ์ 0-3821-0055

Amatanacity Chonburi Industrial Estate 700/623 Moo 4,Bankao, Panthong, Chonburi 20160 Tel : 038-456-900 Fax : 038-210-055 www.apollothai.com