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DAPHNE HI TEMP OIL X

High Performance Heat Treating Oil

1. Application

Daphne Hi Temp Oil X was developed as quenching oil having properties of both adequate viscosity for hot-oil-quenching and moderate cooling power for cold-oil-quenching below 100 °C of oil temperature. This product is recommended for use in quenching carbon or low-alloy tool-steel parts, bearing steel parts and other structural steel parts of small and medium size.

This product enable to increase the hardness of care of thick carburizing steel with minimizing distortion. This product is also recommended for use in both hot and cold processing by one atmosphere batch furnace.

2. Characteristics

1. Excellent cooling property.
2. Provides exceptional bright finish in all case furnace.
3. Can be used for oil temperature up to 140 °C.

Note :

1. In general, preferable oil temperature should above 80°C.
2. Whenever changes the oil, you should clean the oil bath.
3. Care should be taken for water contamination.

3. Typical Specification

Specific Gravity	15/4 °C		0.8799	D-1298
Flash Point	C.O.C.	°C	280	D-92
	C.O.C.	°F	536	D-92
Viscosity	@ 40 °C	cSt	103.7	D-445
	@ 100 °C	cSt	11.97	D-445
Viscosity Index			105	D-2270
Total Acid Number		mgKOH/g	0.26	D-974
Carbon Residue		wt%	1.20	D-189
Sulfur		wt%	0.05	D-129

- 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 charge without notification.