



DAPHNE HI TEMP OIL X

1. Application

Daphne Hi Temp Oil X was developed as quenching oil having properties of both adequate viscosity for hot quenching oil 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 enables to increase the hardness 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. Characteristic

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

Density	@15 °C	g/cm ³	0.8724	D-1298
Flash Point	C.O.C.	°C	258	D-92
	C.O.C.	°F	536	D-92
Viscosity	@ 40 °C	mm ² /s	111.3	D-445
	@ 100 °C	mm ² /s	12.12	D-445
Viscosity Index			98	D-2270
Total Acid Number		mgKOH/g	0.46	D-974
Carbon Residue		wt%	0.53	D-189
Sulfur		wt%	0.05	D-129