

Technologically Advanced Lubricants from Japan

Products / Industrial

Lubricant Product Information

Daphne Hi-Temp Oil X

High Performance Quenching Oil

Application

Daphne Hi-Temp Oil X-U was developed with an adequate viscosity for hot-oil quenching and moderate cooling power of a cold-oil. Daphne Hi-Temp Oil X-U is recommended for quenching various alloy steel parts, bearing steel parts in atmosphere controlled furnaces.

Note:

- Oil bath temperature: 80° - 140°C.

Characteristics

- Semi-hot type quenching oil.
- Capable of increasing the hardness of thick parts, and still keep the distortion low due to its relatively high application temperature.
- Provides long term, predictable quench results due to high quality base oil and oxidation inhibitor.
- Provides an exceptional bright finish in the integral quench furnace.

Packing

210L drum

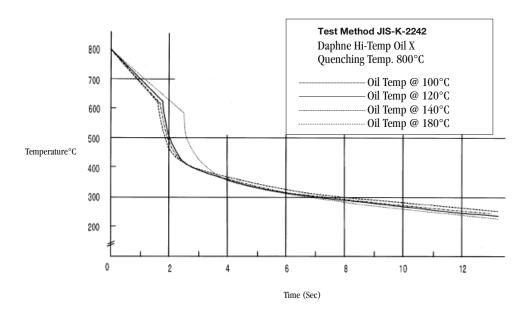


Daphne Hi-Temp Oil X

Typical Specifications

	ASTM METHOD	
Colour	D-1500	L2.0
Density 15 °C g/cm ³	D-4052	0.8820
Flash Point (COC) °C	D-92	276
Viscosity, cSt@ 40 °C	D-445	111.4
@ 100 °C		11.89
Viscosity Index	D-2270	95
TAN (mgKOH/g)	D-664	0.36
Carbon Residue, wt%	D-189	0.38

Cooling Curve



The information provided is to our best knowledge, true & accurate, subjected to change without notification due to continual product research and development. All recommendations or suggestions are without guarantee since the conditions of use are beyond our control. The manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty of immunity against patent infringement.