

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

