

PRODUCT DATA SHEET

DAPHNE HI-TEMP OIL X High Performance Quenching Oil

Description

Daphne Hi-Temp Oil X was developed with an adequate viscosity for hot-oil quenching and moderate cooling power of a cold-oil. Daphne Hi-Temp Oil X 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

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

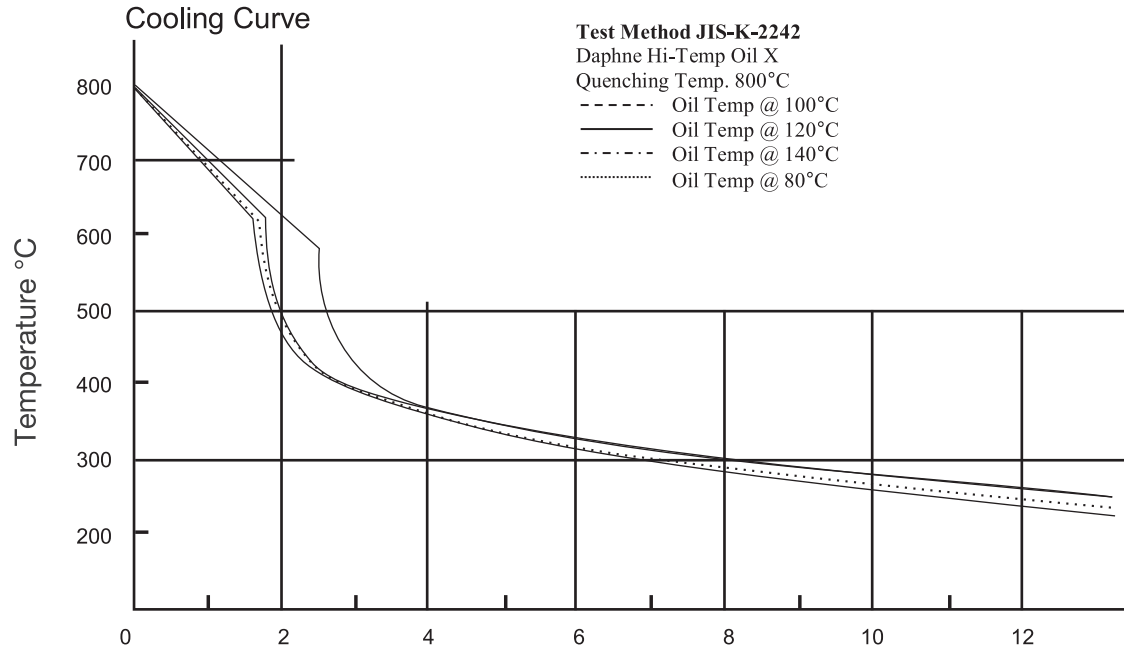
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