



Daphne Hi-Temp Oil X-S

High Performance Quenching Oil

Description

Daphne Hi-Temp Oil X-S is a quenching oil formulated with highly refined mineral oil with specially selected additives which enable it to have properties of both adequate viscosity for hot oil quenching and moderate cooling power for cold oil quenching below 100°C of oil temperature.

Application

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. Daphne Hi-Temp Oil X-S is able to increase the core hardness of thick carburizing steel with minimum distortion. This product is also recommended for use in both hot and cold quenching in a single atmosphere batch furnace.

Note:

- Oil bath temperature: 80 - 140°C.

Characteristics

1. Excellent Cooling Properties.
2. Excellent Oxidation Stability.
3. Excellent Water Separation & Sludge Separation.
4. Exception Bright Finish In All Case Furnace.

Packing

20L pail, 200L drum

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.



Typical Specifications

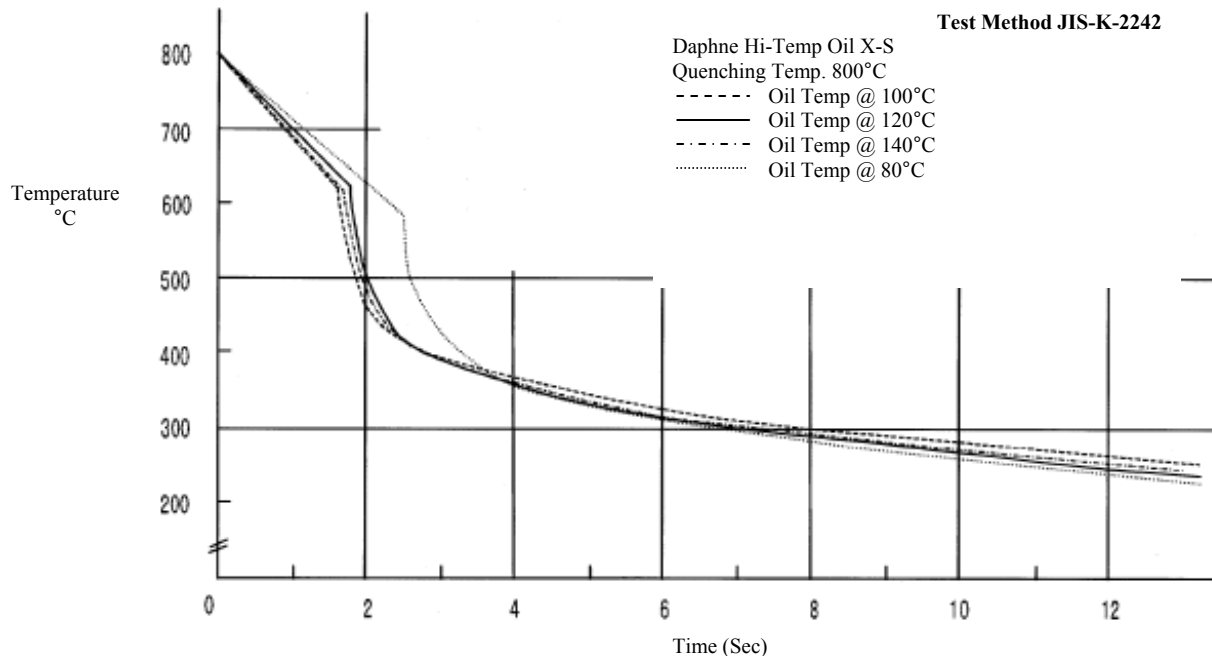
Available Grades

Colour
 Density 15 °C g/cm³
 Flash Point (COC) °C
 Viscosity, cSt @ 40 °C
 @ 100 °C
 Viscosity Index
 TAN (mgKOH/g)
 Carbon Residue, wt%

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ASTM METHOD	
D-1500	3.0
D-4052	0.8894
D-92	276
D-445	111.3
	12.09
D-2270	98
D-664	0.47
D-189	0.51

Cooling Curve



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