

DAPHNE

Hi-Temp Oil A

Description

Daphne Hi-Temp Oil A is a hot type, quenching oil designed for quenching distortion prone parts. This product has been proven to be very effective in quenching medium to high alloy steel parts such as mission gears, constant velocity joints, clutch plates and various bearing races in an atmosphere controlled batch type furnace.

Features & Characteristics

- (1) The best standard hot type, quenching oil.
- (2) Provides long term predictable quench results.
- (3) Provides excellent brightness after quenching.
- (4) Parts example : Automotive mission gear, Steering shaft, Bearing race.
- (5) Oil temperature : 100-170°C.

Chemical and Physical Properties

Test Item	Test Method	Unit	Result
Density at 15°C	ASTM D4052	g/cm ³	0.8942
Color(ASTM)	ASTM D1500	-	L2.5
Flash Point (C.O.C)	ASTM D92	°C	280
Viscosity at 40°C	ASTM D445	mm ² /s	212.7
Viscosity at 100°C	ASTM D445	mm ² /s	18.60
Pour point	ASTM D97	°C	-15
Carbon Residue	ASTM D4530	wt%	0.44
H-value @120°C	JIS K2242	cm ⁻¹	0.102

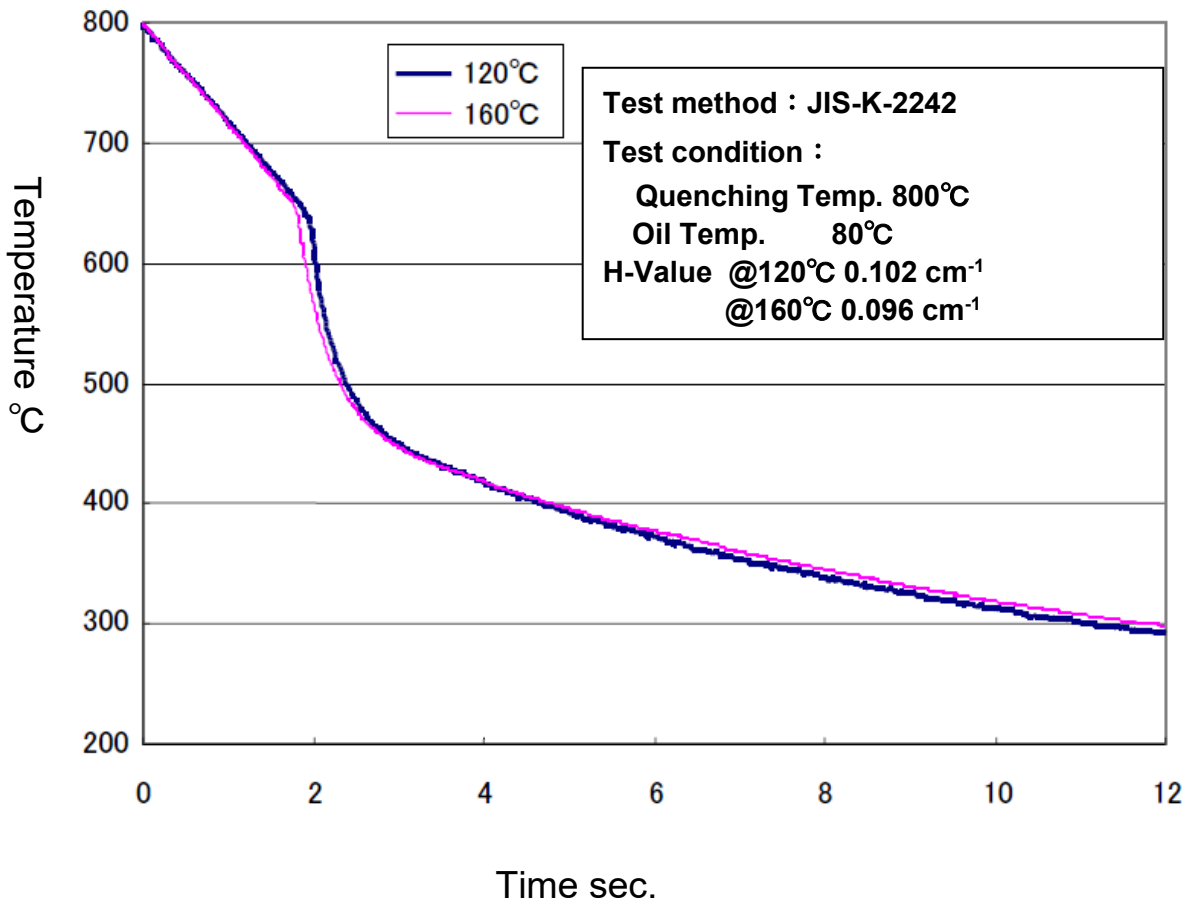
Attention

- Oil temperature should be kept above 100°C (212°F) for good agitation control.
- Water contamination control should be of utmost importance.

Package

200L D/M

Cooling curve



- Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Safety Data Sheet (SDS) are followed.
- SDS is available upon request through your sales contract office, or via the internet.
<https://www.idemitsu.com/jp/business/lube/>
- Due to continual product research and development, the information contained herein is subject to change without notification.

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