Lubricants info.

Idemitsu Kosan Co.,Ltd.

IDEMITSU

Lubricant Product Information

Daphne Master Quench A

High Performance Quenching Oil

Description

Daphne Master Quench A is a cold quenching oil formulated with highly refined mineral oil with specially selected additives such as cooling rate improver and oxidation inhibitor to provide exceptional oxidation and quenching performance.

Application

Recommended for use mainly in:

Batch Type Furnace (Controlled-Atmosphere)
Bolts, Chain, Carbon Tool Steel Parts, etc.

Pusher Type Continuous Furnace
Carburizing Parts, Forged Steel Parts, etc.

Characteristics

1. **Excellent Oxidation Stability -** Special oxidation inhibitor and highly refined narrow-cut distilled base oil assures excellent oxidation stability.

2. **Excellent High Thermal Resistance.**

3. **Special Cooling Rate Improver.**

Packing

20L pail, 200L drum

D32715003512

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Typical Specifications — Daphne Master Quench A

	ASTM METHOD	
Colour	Visual	Dark Brown
Density 15 ºC g/cm^3	D-4052	0.8446
Flash Point (COC) ºC	D-92	200
Viscosity, cSt @ 40 ºC	D-445	17.73
@ 100 ºC		4.011
Viscosity Index	D-2270	126
TAN, Potentiometer (mgKOH/g)	D-664	0.03
Carbon Residue, wt%	-	0.73
H-Value	JIS K-2242	0.146

Cooling Curve