

PRODUCT DATA SHEET

DAPHNE MASTER QUENCH A High Performance Quenching Oil

Application

Daphne Master Quench A is a relatively low viscosity "cold" quenching oil blended with a cooling improver and an excellent oxidation inhibitor. Daphne Master Quench A was developed for high heat resistance and will maintain consistent cooling characteristics for a long time.

Characteristics

- Batch type controlled atmospheric furnace for quenching of bolts, chain parts, bearing races and variety of carbon steel parts of low alloy content.
- Pusher type continuous furnace for carbonizing and neutral hardening of steel parts, forgings.
- Meets the metallurgical and hardness requirements of spring steels typically used for making torsion bars, stabilizer bars and spring coils.

Packing

210L drum

CHEMICAL AND PHYSICAL PROPERTIES		TEST METHOD	TYPICAL DATA
Color		ASTM D-1500	D8.0
Density 15 °C g/cm ³		ASTM D-4052	0.8460
Flash Point (COC) °C		ASTM D-92	200
Viscosity, cSt	@ 40 °C	ASTM D-445	18.04
	@ 100 °C	ASTM D-445	4.005
Viscosity Index		ASTM D-2270	121
TAN (mgKOH/g)		ASTM D-664	0.03
Carbon Residue, wt%		ASTM D-189	0.77

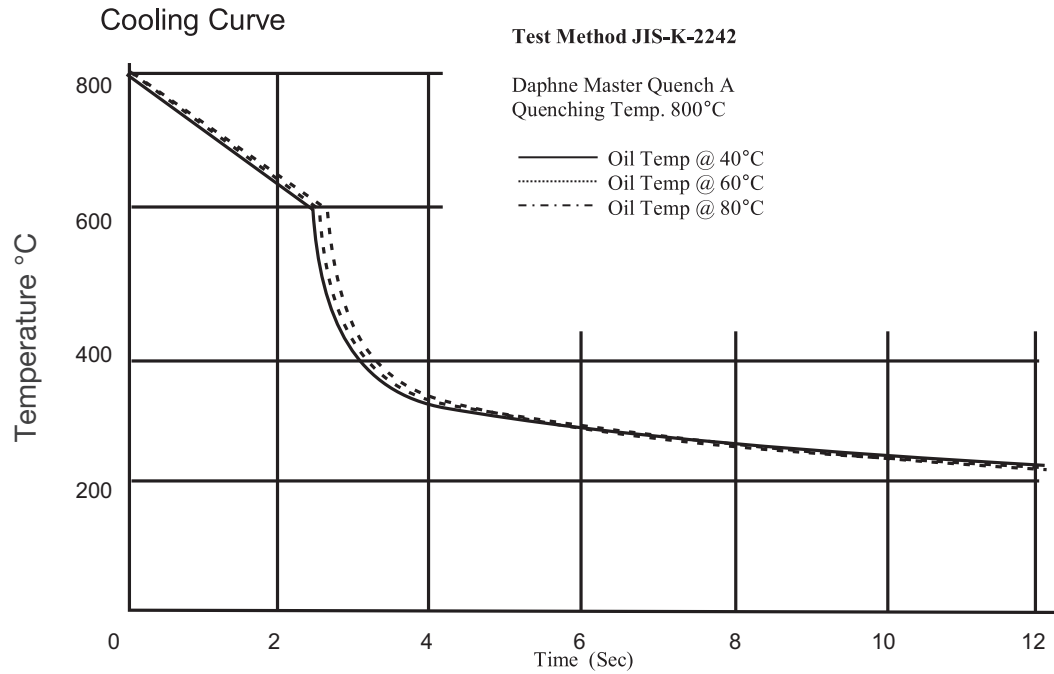
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Idemitsu Lube India Pvt. Ltd.

603, 6th Floor, Eros Corporate Tower, Nehru Place, New Delhi - 110019, Tel: +91-11-30823600
E-mail: consumercareindia@idemitsu.com | Website: <https://ilindia.idemitsu.com>

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