Lubricants info.

Idemitsu Kosan Co.,Ltd.

IDEMITSU

Lubricant Product Information

Daphne Magplus AM 30

High Performance Neat Cutting Oil

Description

Daphne Magplus AM 30 is a non-active, ***Chlorine Free*** and ***Low Mist*** neat cutting oil formulated with highly refined mineral base oil and various additives such as; non-active type sulphur extreme pressure additive and fatty oil which give excellent cutting performance even for high temperature cutting operations.

Application

Excellent as a cutting oil for carbon steels and alloy steels. Also suitable for cutting non-ferrous metal such as copper and brass. It is recommended for most cutting processes such as; auto-lathe work, turning, milling, threading and gear cutting.

Characteristics

1. Provides High Quality Surface Finish And Accuracy.
2. Extends Tooling Life Due To Its High Lubricity.
3. Eliminates Chlorine Corrosion On Machines And Finished Parts.
4. Good Flushing And Cooling Properties.
5. Low Oil Mist Helps To Improve Working Environment.

Packing

20L pail, 200L drum

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Typical Specifications

Daphne Magplus AM 30

	TYPE OF METHOD	
Colour	ASTM D-1500	L2.0
Density 15 °C g/cm^3	ASTM D-4052	0.8769
Viscosity, cSt @ 40 °C	ASTM D-445	33.44
Flash Point (COC), °C	ASTM D-92	212
Copper Corrosion (100°C x 1Hr)	ASTM D-130	1(1b)
Sulphur Content (wt%)		1.19
Fatty Content (wt%)		6.0