

Lubricant Product Information



Daphne Milcool AL

High Performance Water Soluble Cutting Oil

Description

Daphne Milcool AL is a “water-soluble”, emulsifying cutting oil with various additives such as surfactants, anti-rust and anti-corrosion inhibitors.

Application

Used for general cutting of ferrous metals, alloy steels and aluminium alloys.

Characteristics

1. Good protection against rust over machines and metals.
2. Excellent emulsion stability.
3. Extend tool life and provide high quality surface finish.
4. Assures longer coolant life.
5. Fully inhibited against harmful foaming.
6. Direction of use:
 - Mix with the water at the ratio between 20 – 30 times for cutting of cast iron and carbon steel.
 - Mix with the water at ratio between 15 – 25 times for cutting of alloy steels.

Packing

20L pail, 200L drum

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**Typical Specifications****Daphne Milcool AL**

Available Grades	ASTM METHOD	
Density 15 °C g/cm ³	D-4052	0.8955
Colour	D-1500	L3.0
Viscosity, cSt @ 40 °C	D-445	53.98
TAN (mgKOH/g)	D-974	34.7
Alkalinity (Solvent mgKOH/g)	D-1121 / SIS K-432-85D	46.0
Saponification Number (mgKOH/g)	D-94	35.0
pH (5% dilution)	JIS K-8802 / ILS-019	9.7
Copper Corrosion 25 °C x 48 Hrs	D-130	1(1a)

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