



Daphne Alphacool WS

High Performance Water Soluble Cutting Oil

Description

Daphne Alphacool WS is a synthetic micro-emulsion type water soluble cutting fluid specially formulated with highly refined synthetic base oil and various additives such as special surfactant, anti-rust & anti-bacteria agents, corrosion inhibitor, extreme pressure additive and special oiliness agent for improving lubricity.

Application

Recommended for cutting, grinding, tapping and reaming of aluminium and its alloys, carbon steels and other alloys.

Characteristics

1. **Prolongs tooling life and provide high quality surface finish.**
2. **Prolongs water soluble cutting coolant life** - With it extremely effective anti-bacteria and anti fungus agents, the coolant life is greatly lengthen.
3. **Excellent protection against rust over machines and metals.**
4. **Fully inhibited against harmful foaming.**
5. **Not harmful to human** - It does not contain sterilizer for killing bacteria, which can be harmful to human.

* **Direction for use:**

For adjustment of concentration, add Daphne Alphacool WS into water.

- Mix with water at the dilution ratio of 30-50 times for cutting and about 50 times for grinding.

Packing

20L pail, 200L drum

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Lubricant Product Information



Typical Specifications

Daphne Alphacool WS

	ASTM METHOD	Original Fluid	30 Times	50 Times
Colour	D-1500	1.5	-	-
Density 15 °C g/cm ³	D-4052	0.9739	-	-
Total Acid No. (mgKOH/g)	D-664	39.9	-	-
Viscosity, cSt @ 40 °C	D-445	46.92	-	-
Sulphur content (wt%)	-	0.05	-	-
pH	-	-	10.0	9.90
Rust Preventiveness (DIN 20°Cx2Hr)	-	-	Pass	Pass
Copper Corrosion (50°C x 48H)	D-130	1(1a)	-	-

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