



Daphne Aqua Cool CC

High Performance Water Soluble Grinding Oil

Description

Daphne Aqua Cool CC is a chemical soluble type grinding fluid specially formulated with various additives such as special surfactant, anti-rust & anti-bacteria agents and anti-foaming agent to provide superior grinding performance. It becomes a completely clear solution when diluted with water.

Application

Recommended for grinding of cast iron, carbon steels, steel alloys and aluminium alloys.

Characteristics

1. **Excellent cleaning ability** - Addition of special surfactant provides excellent cleaning ability.
2. **Excellent anti-rust properties** - Special anti-rust agent provides excellent anti-rust performance.
3. **Longer coolant life** - Addition of special anti-bacteria and anti-fungus additives prevents decomposition of coolant and thus assures longer coolant service life.
4. **Superior sediment separation and settling properties** - Sediment from the grinding process is easily separated from the coolant and settled for the ease of removal.
5. **Excellent anti-foaming ability** - It is fully inhibited against harmful foaming with its special anti-foaming agent.

*Note:

- For adjustment of concentration, top up Daphne Aquacool CC with the correct proportion into water.
- Mix with water at the ratio of 70 - 80 times for grinding of cast iron for better anti-rust protection.
 - Mix with water at the ratio of 100 times for other metals.

Packing

20L pail, 200L drum

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Typical Specifications

Daphne Aqua Cool CC

| | ASTM METHOD | (Original Fluid) |
|---------------------------------|------------------------|-------------------------|
| Colour | D-1500 | L1.0 |
| Density 15 °C g/cm ³ | D-4052 | 1.087 |
| Total Acid No. (mgKOH/g) | D-664 | 21.7 |
| Viscosity, cSt @ 40 °C | D-445 | 3.455 |
| Copper Corrosion | D-130 | 1(1a) |
| pH Value | - | 10.2 |

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