

Technical Data Sheet

Coolant UHP

High performance extreme-pressure, long-life watermix metalworking fluid.

UHP Cutting Fluid is high oil, water-mix cutting fluid used for machining on ferrous alloys and non-ferrous metals.

Key Benefits

- Extremely High Performance
- Long Sump Life
- Improved Tool Life
- Stable Macro-Emulsion
- Low Irritant
- Operator Friendly
- Good Corrosion Protection
- Low Foam
- No Sticky Deposits
- Less Product Loss due to Draw-Out

Typical Applications

- | | |
|---------------------------------|-------|
| • General Machining | 5% |
| • Thread Cutting | 6-10% |
| • Deep Hole Drilling and Boring | 6-8% |
| • Reaming | 6-8% |

Typical Data

Concentrate

Appearance	Amber Fluid
Specific Gravity	0.92
Oily additives %	65

Emulsion

Appearance	Milky
pH at 5%	9
Refractometer Factor	1.0

Emulsion Type

- Milky
- High Oil Content
- Additives to enhance performance

Compatibility

- Ferrous metals including stainless steel.
- Aluminium alloys
- Brass
- Inconel and other high spec alloys
- Titanium alloys
- Plastics

General Compatibility

- Waters from 40ppm to 400ppm (Calcium hardness)
- Low foaming tendency
- Suitable for high pressure applications
- Suitable for low pressure applications

Health and Safety

Full health and safety data sheet is available on request.

Storage

- Store indoors
- Store between 4 °C and 34°C
- Shelf life is 6 months from date of supply
- Store undercover or if outdoors on its side.

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