

# Technical Data Sheet

## Coolant XTREME 70EP

Multipurpose, high oil, very high performance water soluble cutting fluid. It is a long life fluid, formulated for ultra high performance on difficult machining operations with low staining characteristics on aluminium alloys. Designed to give low foam performance.

Chlorine-containing.

Coolant XTREME 70EP is a modern, EP watermix cutting fluid used for Turning, milling, drilling, threading, boring, deep hole drilling, reaming (including Maple reaming) and creep feed grinding.

### Key Benefits

- Good Sump Life
- Improved Tool Life
- Excellent surface finish
- Excellent visibility
- Operator Friendly
- Excellent Corrosion Protection
- Low Foam in soft water.
- Reduced Sticky Deposits
- Less Product Loss due to Draw-Out

### Typical Applications

- |                                       |        |
|---------------------------------------|--------|
| • General Machining                   | 4-6%   |
| • Deep hole drilling, boring, tapping | 6-8%   |
| • Mapal reaming                       | 8-10%  |
| • Creep feed grinding                 | 5-10%  |
| • Gear hobbing and cutting            | 10-20% |

### Typical Data

<b>Concentrate Appearance</b>	Amber Fluid
<b>Specific Gravity</b>	1.05
<b>Oily Content %</b>	70

<b>Emulsion Appearance</b>	Pink Milky
<b>pH at 5%</b>	9.3
<b>IP287 pass at %</b>	4.0
<b>Refractometer Factor</b>	0.90

### Emulsion Type

- Milky emulsion
- Medium/High Oil Content
- Lubricity additives.

### Compatibility

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

### General Compatibility

- Waters from 50ppm to 450ppm (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.

**Coolant XTREME 70EP**

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