



GoldCut 310 Soluble Cutting Lubricant

GoldCut 310 is a long life bio-stable semi-synthetic metalworking fluid concentrate that produces an ultra-stable translucent micro emulsion.

GoldCut 310 is suitable for sawing, turning, milling, drilling and threading, general purpose surface, cylindrical and centreless grinding on ferrous alloys including cast iron.

Key Benefits

- Ultra Long Sump Life
- Improved Tool Life
- Highly Stable Micro-Emulsion
- Operator Friendly
- Excellent Corrosion Protection
- Low Foam in soft water.
- Reduced Sticky Deposits
- Less Product Loss due to Draw-Out
- Triazine free

Typical Applications

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|---|------|
| • General Machining | 4-6% |
| • Grinding: - cylindrical, centreless, surface. | 3-5% |
| • Milling and threading | 5-6% |

Typical Data

Concentrate

Appearance	Blue Fluid
Specific Gravity	1.01
Mineral Oil Content %	~20

Emulsion

Appearance	Blue
pH at 5%	9 – 9.4
IP287 pass at %	40:1
Refractometer Factor	1.6

Emulsion Type

- Micro-emulsion
- Low/medium Oil Content
- Low environmentally toxic EP additives.

Compatibility

- Ferrous metals including stainless steel, mild steel and cast iron.
- Cuprous 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 35°C
- Shelf life is 6 months from date of supply
- Store undercover or if outdoors on its side.