



Excelfluid GP

Semi synthetic biostable metalworking fluid

Product code: S015

Product Description:

Excelfluid GP is a biostable, semi-synthetic water-mix metalworking fluid. Although not designed as an extreme pressure type fluid it does provide machining capabilities way beyond those normally associated with fluids which do not contain EP additives. This therefore means that Excelfluid GP is able to cope with materials with widely differing machining characteristics from cast iron through aluminium to stainless steel.

Benefits

- Highly biostable
- Very low foaming tendency even in very soft waters
- Excellent residual corrosion protection
- Good tramp oil rejection
- High wetting
- Maintains machine cleanliness

Application

Excelfluid GP should not be used at concentrations less than its specified break point.

Typical Test Data

| | |
|-----------------------------|---|
| Appearance of Concentrate | Blue liquid |
| Specific Gravity @ 20°C | 0.95 |
| pH @ 5% (Distilled Water) | 9.1 |
| Anti-Corrosion by IP 287 | 2% break point |
| Emulsion Type (5% dilution) | Translucent |
| De-foam in 50ppm water | Nil after 10 seconds |
| Reichert Performance @ 10% | Noise Reduction 36m Load Capacity 1.49Kg/mm ² |
| Refractometer Factor | 1.25 |