

SOL PLUS 56 SD

Product code: 265303601

Grinding tools coolant

This product is a synthetic metalworking fluid which forms transparent stable emulsions when mixed with water. Due to the special formulation the fluid ensures a great biological resistance therefore it is not being necessary to add biocides or fungicides.

It does not emulsify tramp oils. The product has no negative impact on operators.

The product is suitable to achieve excellent finishing in machining operations and grinding on tools, dies and hard metal parts that contain tungsten carbide, copper, cobalt, etc.

The product is suitable for centralized systems and independent machines

Benefits & Advantages

- Economical in use
- Does not smoke or burn
- Multi-metallic inhibitor, i.e. Copper, Cobalt, Steel.
- Rejects tramp oil
- No smell problems
- Exceptionally stable

Typical Performance Data Neat Product

| Typical | Value |
|--------------------------------|--------------------|
| Appearance | Transparent Liquid |
| Specific gravity @ 20 °C, g/ml | 1.05 |
| Sodium Nitrite content | Free |
| Chlorine Content | Nil |

Typical performance data – 4% emulsion (in tap water 5 OHF)

| Typical | Value |
|-----------------------|------------------------|
| Appearance | Colourless Transparent |
| pH | 9.3 |
| Corrosion Test IP-287 | No corrosion |
| Copper Corrosion | Nil |

All performance data on this Technical Data Sheet are indicative only and can vary during production.

Mixing instructions

The product is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix. It is recommended between 4-6% depending on severity of application. Recommended for water with hardness below 300 ppm and chloride content below 0.1 g/l.

Dilutions can be easily checked by refractometer:
 % concentration = refractometer reading x 1.7