

METALTEC MIRAGRIND 302 TC

Product Code: SOL043 | **Revision:** 20220323



A synthetic oil-free soluble metal working fluid.

Available Pack Sizes



Applications

A high performance, fully synthetic metalworking fluid designed to enhance machining operations, improve surface finish and lower operating costs. It provides excellent product stability and resistance to microbial infection. The advantage of using the latest technology means it will not leave sticky residues around the machine tool during use. This product has been carefully formulated to ensure it does not leach cobalt, making it ideal for surface and cylindrical grinding when using tungsten carbide. It can be used to grind all ferrous and non-ferrous materials including yellow metals.

Benefits

- Excellent corrosion protection and bactericidal properties.
- Formaldehyde and chlorine nitrite free.
- Low foaming.
- Multi-metal compatibility.
- No sticky deposits on the machine tool.
- Transparency enables accurate working.
- Tungsten carbide grinding (low cobalt leaching).

Application Suitability: ✓✓✓ Best | ✓✓ Better | ✓ Good | Please contact us if unsure

Grinding

| Cast Iron | Alloyed Steel | Stainless Steel | Aluminium Alloys | Yellow Metals | Tungsten Carbide |
|-----------|---------------|-----------------|------------------|---------------|------------------|
| ✓✓ | ✓✓ | ✓✓ | ✓✓ | ✓✓ | ✓✓✓ |

Typical Test Data

| | |
|----------------------------|------------------------|
| Appearance (neat) | Colourless/yellow |
| Appearance (emulsion) | Colourless/translucent |
| Corrosion Test I.P.287 (%) | <3.0 |
| Mineral Oil Content (wt%) | 0 |
| pH (5%) | 9.0 |
| Refractive Index | 1.7 |

The typical test data provided is taken from average values, there will be some variability in production and therefore do not constitute a specification.

Dilution Ratios

| | |
|--------------------------------|----|
| Surface & cylindrical grinding | 5% |
|--------------------------------|----|

Always mix product-to-water.

Recommendations

In line with our policy of continued improvement, Aztec Oils reserve the right to change specifications and availability without prior notice. This product, used according to our recommendations and for its designed application, does not represent any particular risk. The information present in this technical data sheet is indicative of the product and is given in good faith, but should not form part of any specification.

Recommendations

- A Safety Data Sheet is available for consultation at www.aztecoils.co.uk.
- Before using the product, it is advised to consult the Metal Working Fluids section of the Government HSE website.
- Packaging should not be left exposed to elements and drums should be laid horizontally to prevent contamination.
- This product should not be stored at temperatures over 60°C, kept out of direct sunlight, protected from frost and fluctuations in temperature.
- When disposing of the product after use, please protect the environment and comply with local regulations.

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