

## Product Information

### Straight Oil

## OEMETOL 546

is a high performance machining oil based on synthetic ester oils. The product is suitable for the machining and forming processes of demanding materials. Outstanding lubricating performance due to selected EP-additives ensures minimum tool wear.

### Benefits:

- Free of heavy metals, zinc, and chlorine
- Suitable for machining and forming processes
- Especially suitable for the calibrating of sintered material
- Excellent pressure absorption
- Outstanding lubricating performance results in low tool wear and increased machine productivity
- Excellent residue characteristics
- Very good flushing characteristics
- Low viscosity

### Data of the Product (Concentrate):

| Determination         | Method      | Unit                                | Value |
|-----------------------|-------------|-------------------------------------|-------|
| Density, 68°F         | ASTM D 1298 | [kg/m <sup>3</sup> ]                | 863   |
| Kin. viscosity, 104°F | ASTM D 445  | [mm <sup>2</sup> /s]                | 4     |
| Flash point           | ASTM D 92   | [°F]                                | 304   |
| Copper Corrosion      | ASTM D 130  | Corrosion category<br>(3h at 212°F) | 4a    |

### Shelf Life/ Storage Conditions:

12 months under ambient storage conditions.

### Industrial Health and Safety - Environmental Protection:

For more details about health and safety please read the information on the safety data sheet.

### Disposal:

In compliance with the local waste regulations