

## Product Information

### Straight Oil

## OEMETOL 556

is a high performance machining oil based on synthetic ester oils. The product contains special AW- and EP- additives for enhanced tool life in heavy duty machining.

### Benefits:

- Free from heavy metals, zinc, and chlorine
- Very broad application area (tuning, drilling, milling, grinding, etc.)
- Recommended for demanding machining operations such as deep drilling, thread tapping, honing and CBN-grinding
- Outstanding lubricating performance results in low tool wear and increased machine productivity
- Good swarf and heat transfer due to low viscosity
- Very good foaming characteristics
- Excellent air release behaviour
- Low emission (Noack at 482°F: 18.4%)

### Data of the Product (Concentrate):

Determination	Method	Unit	Value
Density, 68°F	ASTM D 1298	[kg/m <sup>3</sup> ]	872
Kin. viscosity, 104°F	ASTM D 445	[mm <sup>2</sup> /s]	10.0
Flash point	ASTM D 92	°F	389
Copper Corrosion	ASTM D 130	Corrosion category (3hr at 212°F)	1b

### Shelf Life/ Storage Conditions:

12 months under ambient storage conditions.

### Industrial Health and Safety - Environmental Protection:

According to Hazardous Materials Identification System the product is labeled – Health = 0; Fire = 1; Reactivity = 0

### Disposal:

In compliance with the local waste regulations