

PRODUCT INFORMATION
STRAIGHT OIL

OEMETOL 600 HC

is a high-performance machining oil based on modern hydrocrack oils. Specially selected AW- and EP-additives ensure a significant reduction of the tool wear during the machining process (e.g., common grinding applications).

BENEFITS

- Free from heavy metals, zinc, and chlorine compounds
- Suitable for ferrous and non-ferrous metals
- Broad application area (e.g., turning, drilling, milling, and grinding)
- Very good pressure absorption capacity
- Low viscosity, therefore good chip, and heat transport
- Very good lubricating performance, resulting in long tool life and high productivity
- Low emission (Noack at 150°C: 3.9%)
- Very good foaming characteristics
- Odourless
- Low misting

DATA OF PRODUCT | CONCENTRATE

DETERMINATION	METHOD	UNIT	VALUE
Density, 20°C	DIN 51 757	[kg/m³]	840
Kin. viscosity, 40°C	DIN EN 16 896	[mm²/s]	9
Flash point	DIN EN ISO 2592	[°C]	min. 160
Copper corrosion	DIN EN ISO 2160	Corrosion category (3h/100°C)	1a

SHELF LIFE | OPERATING AND STORAGE CONDITIONS

12 months under ambient storage conditions.

INDUSTRIAL HEALTH, SAFETY AND 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.