

PRODUCT INFORMATION
STRAIGHT OIL

OEMETOL 610 GT

is a high-performance neat cutting oil of the latest generation, based on GTL- oils. In the “Gas-to-Liquids” process synthetic base oil is produced from nature gas, oxygen and steam. The product is characterised by his particularly high flashpoint and very low evaporation loss and is recommended for all standard machining processes with a high material compatibility (e.g., steel materials, aluminium, titanium).

BENEFITS

- Free from organic nitrogen, heavy metals, zinc, and chlorine
- Broad application area (e.g., turning, drilling, milling, and grinding)
- Suitable for ferrous and non-ferrous metals
- Very high flashpoint
- Very good lubricating performance, resulting in long tool life and high productivity
- Low emission (Noack at 250°C: 24.3%)
- Very good foaming characteristics
- Odourless
- Not cytotoxic (EN ISO 10993-5:2009)
- Low misting

DATA OF PRODUCT | CONCENTRATE

DETERMINATION	METHOD	UNIT	VALUE
Density, 20°C	DIN 51 757	[kg/m ³]	828
Kin. viscosity, 40°C	DIN EN 16 896	[mm ² /s]	11
Flash point	DIN EN ISO 2592	[°C]	min. 180
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.