

Product Information

Straight Oil

OEMETOL 705

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 particularly recommended for honing and finishing processes of demanding materials. The oil is characterised by its high flashpoint, particularly good foaming characteristics and low emission

Benefits:

- Free from organic nitrogen, heavy metals, zinc, and chlorine
- Particularly recommended for honing and finishing processes
- Suitable as carrying agent for several lapping fluids
- Particularly good material compatibility
- High flashpoint
- Excellent residue characteristics
- Very good lubricating performance increases the machine productivity and reduce the tool wear.
- Low emission (Noack at 302°F: 10.3%)
- Very good foaming characteristics
- Odourless

Data of the Product (Concentrate):

Determination	Method	Unit	Value
Density, 68°F	ASTM D 1298	[kg/m ³]	811
Kin. viscosity, 104°F	ASTM D 445	[mm ² /s]	4,4
Flash point	ASTM D 92	°F	291
Copper Corrosion	ASTM D 130	Corrosion category (3h at 212°F)	1a

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