

Art.No 3161-03

Blasomill 10

Description

High performance cutting oil based on mineral oil

Range of application

High performance cutting oil, especially developed for machining stainless, acid- and heat-resisting steel, titanium, aluminium and copper alloys.
Suitable for milling, drilling, deep-hole drilling, turning, automatic turning, threading, tapping, reaming, honing and sawing. Also suitable for high-speed machines like Escomatic.

Product properties

Chlorine-free oil



Good lubricating properties



Polar, anti-wear and extreme pressure additives



Benefits

Ecology minded
No corrosions on machines

Good surface quality

Extended tool life

Physical-chemical data

Typical data

Viscosity at 40°C	10 mm ² /s
Density at 20°C	0.85 g/cm ³
Flash point	171°C
Ester content	15%
Chlorine content	0%
Zinc content	0%
Sulphur content, total	1.2%
Copper corrosivity	1a (3h at 60°C)
Colour	yellow (ASTM-Colour: 1)

Measuring method

ISO 3104
DIN 51757
ISO 2592 (COC)

ISO 2160

Note

Can be used as an all-purpose (lubricating & cutting) oil where machine conditions require it (hydraulic systems with leakage in cutting oil).
Hydraulic-HLP and gear oil requirements CLP are satisfied to a large extent;
Limitation: min. ambient temperature = 0°C, max. continuous operating temperature = 60°C, be sure to avoid contamination by water.

The above reported value for the flashpoint is the global value confirmed by Blaser Swissslube AG, Switzerland. An accredited Japanese Institute measured and certified the flashpoint of this cutting oil as follows: 148°C.

Safety and environmental aspects

EC waste code: 12 01 07
ADR-class: none
Water endangering class: WEC 1
For more detailed information please consult the EC Safety Data Sheet.

Information contained in this data sheet is based upon the properties and applications of use as known to us. However, generally no legal liability may be deducted from such information.

1414 28.09.2017 V 07