



Art.No 3280-56

# Blasogrind HC 5

Description

**High performance grinding oil based on synthetic oil (hydrocrack-oil)**

Range of application

**Operations:** tool-grinding, tool-regrinding. Other grinding operations after recommendation of our grinding specialists.

**Materials:** tungsten carbide, high speed steel (HSS) and cermet (under our recommendation it can be also used for other materials).

### Product properties

Hydrocrack quality →

Excellent removing performances →

Low viscosity →

Cobalt deactivated →

Colourless →

### Benefits

Higher flash point and reduced emissions compared to mineral oils  
Good machine compatibility

Better surface quality  
Higher grinding wheel life

Good wetting  
Good rinsing

Specially suitable for grinding of tungsten carbide without cobalt leaching

Optically clean machines  
Good process visibility

Physical-chemical data

### Typical data

Viscosity at 40°C	5 mm <sup>2</sup> /s
Density at 20°C	0.85 g/cm <sup>3</sup>
Flash point	150°C
Ester content	3%
Chlorine content	0%
Zinc content	0%
Sulphur content, total	0.8%
Copper corrosivity	1a (3h at 60°C)
Colour	colourless (ASTM-Colour: 0.5)

### Measuring method

ISO 3104

DIN 51757

ISO 2592 (COC)

ISO 2160

Note

Suitable for edgecap and precoated filter.

Safety and environmental aspects

EC waste code: 12 01 10

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.*

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ISO 9001/14001 Reg.Nr. 11321

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