

CURTIS Grind Spezial – the new class of grinding oils

What is CURTIS Grind Spezial ?

CURTIS Grind Spezial is a non-water miscible grinding oil, which is based on base oils, produced from natural gas („GTL-oil (gas-to-liquids“)).

What is the significance of CURTIS Grind Spezial ?

Because of the „GTL“-base oil, following advantages result:

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| ▪ High flash point | → | <i>More safety for man and machine</i> |
| ▪ Low pour point | → | <i>Product remains liquid a tlow temperature</i> |
| ▪ Free of aromatics | → | <i>Contribution to the work safety</i> |
| ▪ Excellent air separation | → | <i>Improved cooling effect by lowest foaming tendency</i> |
| ▪ Reduced evaporation | → | <i>Reduction of the workplace exposure</i> |
| ▪ High viscosity index | → | <i>Enables optimum lubrication at the cutting edge also at high temperatures</i> |

CURTIS Grind Spezial is therefore particularly suitable for high-speed grinding, whereby the tool wear is reduced and the surface quality will be improved.

CURTIS Grind 10 F Spezial

Technical data

Typical values			
Colour:	Light yellow	Flash point (°C):	200
Density (15 °C):	0,82	Pour point (°C):	< -30
Viscosity (40 °C):	10		

Application areas and recommendations

CURTIS Grind 10 F Spezial is preferably used for:

operation	materials
Grinding and high-speed grinding Profile grinding, flute grinding , gear grinding, ball-bearing grinding	Steel (low + high alloyed), non-ferrous metals, light metals

Special features

- ❖ **High-Speed grinding**
- ❖ **Excellent air separation and oxidation stability**
- ❖ **Excellent flushing effect on the grinding wheel**
- ❖ **High flash point with low viscosity**
- ❖ **Free of aromatics**
- ❖ **Stable against aging**

All data given in this Product Data Sheet are typical of this material. It does not however constitute a specification.

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