

Product information

SintoGrind TTK

High-performance grinding fluid

In a sea of sameness, oelheld is offering its customers something freshly different. Our mission is simple: Supplying grinders with the best grinding fluid technology available on the market. With SintoGrind TTK you receive the 4th generation of our top range high-performance grinding fluid. Also in the future we keep on updating our grinding fluids in close cooperation with leading grinding machine tool manufacturers in order to strengthen your power to compete – from speed and surface finish to less tool wear. And by the way, SintoGrind TTK is pronounced as one of the safest grinding fluids regarding health care.

Applications:

SintoGrind TTK was designed for all grinding applications, especially grinding of tungsten carbide. Flute grinding, external grinding, profile grinding, grinding of sawblades, grinding of inserts, grinding of aeronautical, medical parts and wear parts can easily be carried out with SintoGrind TTK.

Materials:

Tungsten carbide, HSS, steel, PCD, CBN, cermets, ceramics.

Also other materials have been successfully machined with SintoGrind TTK. Please contact our technical department for more information.

Recommendations:

Almost all recommendations from grinding and filtration unit OEMs are available on request.

Your benefits:

- Best possible health protection of the operators
- Increased productivity
- Better lifetime of the grinding wheels
- Improved surface finish and no microcracks in the surface
- Extremely low foaming and best possible air release properties
- Approved by numerous grinding machine and filter unit OEMs
- Lowest possible cobalt leaching
- Best possible value for your money as no oil change is required

Technical facts

Density at +15 °C [g/cm ³]	0,81	ASTM D 7042
Kin. viscosity at +20 °C [mm ² /s]	10,1	ASTM D 7042
Kin. viscosity at +40 °C [mm ² /s]	5,5	ASTM D 7042
Flashpoint [°C]	160	DIN EN ISO 2719
Pourpoint [°C]	< -50	DIN ISO 3016
Corrosive effect on copper	1a	EN ISO 2160

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