

Product information

SintoGrind TTS

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 TTS 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 TTS is pronounced as one of the safest grinding fluids regarding health care.

Applications:

SintoGrind TTS 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 TTS.

Materials:

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

Also other materials have been successfully machined with SintoGrind TTS. 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

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|---|-------|-----------------|
| Density at +15 °C [g/cm ³] | 0,81 | ASTM D 7042 |
| Kin. viscosity at +40 °C [mm ² /s] | 7,1 | ASTM D 7042 |
| Flashpoint [°C] | 160 | DIN EN ISO 2719 |
| Pourpoint [°C] | < -50 | DIN ISO 3016 |
| Corrosive effect on copper | 1a | EN ISO 2160 |

08/2013