



FS FG 697 High Speed Grinding Oil

FS FG 697 is formulated for high-speed precision grinding. It is low foaming, non-smoking, and exhibits exceptional filtration characteristics.

This product has been proven for grinding materials such as carbide, high-speed steel, surgical stainless, PCD, tool steels, and ceramic materials. FS FG 697 provides superior cooling and flushing of the grinding zone, which assists in eliminating burns and reducing dressing cycles.

PRODUCT BENEFITS

- Non-cobalt leaching
- Sulfur and chlorine free
- Excellent anti-misting properties
- Superior wetting and boundary lubrication
 - Low foaming
 - Transparent for high visibility
 - High flash point
- Will not form residues under normal operating conditions
 - Highly resistant to oxidation
- Non-smoking and low misting formulation
- Easily cleaned with aqueous soaps

TYPICAL PROPERTIES

| | |
|--|-----------------|
| Fluid Type | Grinding Oil |
| Flash Point. (C.O.C.) | >350 Degrees F. |
| Typical Viscosity, cSt @ 40 Degrees C | 6.4 |
| Typical Viscosity, cSt @ 100 Degrees C | 2.0 |
| ISO VG#: | 6 |
| Specific Gravity: | 0.798 |
| ASTM Color: | 0.5 |
| Filterability: | Very Good |

STORAGE: FS FG 697 should be stored at room temperatures (between 55 to 95 °F). Keep away from sparks, open flames, and other sources of ignition as product and empty containers could contain combustible, flammable, or ignitable substances. Do not weld or cut empty drums.



HEALTH & SAFETY: Please refer to the Safety Data Sheet (SDS) for additional information.

Warranty: Because conditions of use are beyond our control no representation or warranty is made in connection with the use of this product. Technical information and recommendations are believed to be accurate but are not guaranteed.

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