FS FG 2

Full Synthetic Grinding Oil

PRODUCT APPLICATIONS

FS FG 2 is a full synthetic, Polyalphaolefin (PAO) product formulated for highspeed precision grinding.

It is recommended and proven for use with grinding materials such as carbide, high speed steel, surgical stainless, PCD, tool steels, ceramic materials, M-2, M-4, and REX 76. FS FG 2 also provides exceptional cooling and flushing of the workpiece to ensure the elimination of burns and a reduction in dressing cycles.

FS FG 2 is low foaming, non-smoking, and is capable of being filtered down to 1 micron. FS FG 2 delivers exceptional oxidation stability, longer product life, increased speed and feed rates, and a greater degree of operator acceptance.

PRODUCT BENEFITS

- Non-cobalt leaching
- EP additive free of sulfur, chlorine, & phosphorus
- Superior anti-misting properties
- Outstanding wetting and boundary lubrication
- Low foaming
- Transparent providing high visibility
- High flash point
- Will not form residues under normal operating conditions
- Highly resistant against oxidation
- Non-smoking formulation
- Easily cleaned with aqueous soaps
- Minimal to no evaporation or carry-off tendencies

TYPICAL PHYSICAL PROPERTIES

Fluid Type	Grinding Oil
Flash Point. (C.O.C.)	>320 Degrees F.
Viscosity, cSt @ 40 Degrees C	6.4
Viscosity, cSt @ 100 Degrees C	2.0
ISO VG#:	6.4
Specific Gravity:	0.798
Pour Point:	-71 Degrees F.
Aromatic Content:	0.0
ASTM Color:	<0.5
Filterability:	1 Micron, True Filtration

STORAGE: FS FG 2 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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