



FS FG 2 FULL SYNTHETIC GRINDING OIL

FS FG 2 is formulated with a full synthetic polyalphaolefin base oil and a proprietary additive package, both of which impart excellent benefits for high speed precision grinding. FS FG 2 has been a market leader and top choice when grinding carbide, high speed steel, surgical stainless, PCD, tool steels, ceramic materials, and any heavy stock removal grinding operation.

Additionally, it is very low foaming, non smoking, and capable of being filtered down to 1 micron. We have found that clients utilizing FS FG 2 in their operations experience exceptional oxidation stability, great circulation and pumpability (great cooling, flushing, and particulate settling/ filtration characteristics), little to no carry off with the parts, and no evaporation tendencies. All these attributes enable FS FG 2 to perform better, last longer, and increase productivity; while at the same time maintaining a high flash point, excellent visibility, and a high degree of operator acceptance.

PRODUCT BENEFITS

- Non cobalt leaching
- Superior anti-misting properties
- Low foaming
- High flash point conditions
- Highly resistant to oxidation
- Easy cleaned with aqueous cleaning systems
- Sulfur and chlorine Free
- Excellent wetting and boundary lubrication
- Transparent appearance for high visibility
- Will not form residues under normal operating -
- Non- smoking formulation
- No evaporation tendencies

ADDITIONAL APPLICATIONS INCLUDE

Machining
Roll Threading operations
Light duty heading operations

Drilling/ Tapping: especially non- ferrous, yellow metals and alloys
Light to Medium duty screw machine operations

TYPICAL PHYSICAL PROPERTIES

Fluid Type:	Grinding Oil
Flash Point . (C.O.C.):	>320 Degrees F.
Viscosity, cSt @ 40 °C	7
ISO VG#:	7 (7cSt)
Specific Gravity:	0.81
Pour Point:	-69 Degrees F.
Aromatic Content:	0.0
ASTM Color:	very Light Yellow (0.5)
Filterability:	Down to 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.
July, 2015

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