FS FG 002NA

Full Synthetic Grinding Oil

FS FG 002NA is a Polyalphaolefin (PAO), full synthetic product for highspeed precision grinding. This product is proven for grinding materials such as carbide, high-speed steel, surgical stainless, PCD, tool steels, ceramic materials, M-2, M-4, and REX 76. Additionally, FS FG 002NA provides superior cooling and flushing of the workpiece to ensure the elimination of burns and a reduction in dressing cycles.

FS FG 002NA is also low foaming, non-smoking, and capable of being filtered down to one micron. When utilizing FS FG 002NA in operations there is good oxidation stability, long product life, increased speed, improved feed rates over traditional Group II oils, and a high degree of operator acceptance.

PRODUCT BENEFITS

- Non-cobalt leaching
- Free of sulfur, chlorine, and phosphorus
- Good anti-misting properties
- Exceptional wetting and boundary lubrication
- Low foaming
- Transparent appearance for high visibility
- High flash point
- Will not form residues under normal operating conditions
- Excellent resistance to oxidation
- Non- smoking formulation
- Easily cleaned with aqueous soaps
- Little 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 002NA 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, 2019

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