

WearGuard™

Performance Engineered Lubricants

D-A MWF



Product Description

WearGuard™ D-A MWF (Metal Working Fluid) is an optimized multi-purpose inactive cutting oil without the harmful presence of chlorinated compounds. This lubricant begins with high viscosity index premium base oils for its natural temperature shear stability, low pour point and superior protective metal to tool boundary characteristics.

D-A **ChemGuard™** innovative additive formula has a vigorous EP/anti-wear inhibitor that reduces friction to minimize potential welding, galling or scoring and rust and corrosion protection for high load carrying capabilities. It also has a foam inhibitor and a low-odor mist suppressant that allows transparent work for improved visual examination during cutting.

D-A **ChemGuard™** innovative additive formula effectively manages undesirable build up on the tool tip and extends tool life. The result produces less stress on the machine while increasing efficiency and significantly improves the finish on the cutting surface.

WearGuard™ D-A MWF works well in high temperature applications and flows easily in low temperature work environments. This product is highly recommended for use where higher turning speeds, faster feed and higher loads are present.

Product Features and Benefits

- Elimination of chlorinated compounds
- Waste disposal cost reduction
- Multi-purpose/inventory reduction
- Improved corrosion resistance
- Higher speeds and feed rates
- Improved tool life
- Improved surface finish

Typical Applications

Ferrous Materials with Machinability Ratings over 70%: Tapping, Threading, Gear Generation & Hobbing, Drilling (Deephole), Reaming, Milling and Turning.

Non-Ferrous Materials, Copper, Brass, Bronze/Nickel, Aluminum: Gear Generation & Hobbing.

Typical Properties

WearGuard™ D-A MWF	Test Method	
Viscosity		
@ 40°C, cSt	ASTM D445	24.9
@ 100°C, cSt	ASTM D445	5.0
Viscosity Index	ASTM D2270	122
Pour Point, °F (°C)	ASTM D97	5 (-15)
Flash Point, °F (°C)	ASTM D92	395 (205)
Color	ASTM D1500	L 7.0
Sulfur, Total %		0.62
Sulfur, Active %	ASTM D1662	0.00
Chlorine %		0.00
Antimist		Yes
Antifoam		Yes

D-A Part Number:

Bulk

IP73001

Tote – 330 Gal

IP73003