

# MET WAY

## Superior Way Lubricants



### PRODUCT DESCRIPTION:

**MET WAY** lubricants are proven performance machine tool slideway lubricant, designed to reduce friction and drag, stick-slip and machine tool chatter. When the heavy tooling of a machine tool slides along its supporting ways, a smooth and uninterrupted motion must be maintained. If sticking occurs, poor surface finish and dimensional variation in the workpiece can result. The special mild EP additives along with robust tackiness additives provide a tough, thick oil film that lowers the friction between the carriage and the slide ways while the tool is stationary and prevents the carriage from surging forward as the feed begins and enables accurate table positioning.

**MET WAY** lubricants are low sulfur, low acid way lubricant that resists emulsification and provides superior coolant compatibility. Water soluble oils and synthetic coolants often become contaminated with way oils containing high levels of sulfur and fatty acids are particularly detrimental to water-based coolants. The sulfur is a nutrient for water-borne bacteria and is the source of "rotten egg" odor associated with coolants along with the Fatty acids that act as emulsifiers and tie up coolant in tramp oil, which results in increased coolant consumption and disposal costs.

### Benefits:

- Superior Coolant Compatibility and Demulsibility
- Robust Tackiness for Adherence even on Vertical Surfaces
- Tough Oil Film Reduces Friction, Stick-Slip and Chatter
- Exceptional Extreme Pressure and Antiwear Performance

### The Metalloid Partnership Advantage



MET WAY	32	46	68	100	150	220
API Gravity	31.4	31.7	29.2	30.3	28.0	27.0
Viscosity @100°F, SUS	160	238	340	516	730	1100
Viscosity @ 210°F, SUS	43.5	49.4	55	65.3	75	94
Viscosity @ 40°C, cSt	32	46.2	67	99.2	138	210
Viscosity @ 100°C, cSt	5.3	6.90	8.5	11.4	13.8	18.2
Viscosity Index	105	105	102	101	95	95
Pour Point, °F	-10	-10	-10	-10	0	10
Flash Point, °F	410	445	445	445	475	485
Cincinnati Milacron Grade	P-53	N/A	P-47	N/A	N/A	P-50

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No one understands metalworking fluids better than Metalloid, so no one else can bring you advanced technology that works on the issues that matter to you. Get the whole story by calling Metalloid at **800.686.3201** or visit us at **www.metalloidcorp.com**



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