



# WAY LUBRICANTS



MFA Oil Way Lubricants are formulated using a combination of only high quality Group II, severely hydrocracked, high viscosity index, paraffinic base stocks and select additives to insure exceptionally smooth operation of guides and ways of individual machinery.

MFA Oil Way Lubricants eliminate the stick-slip phenomenon that damages machine part surfaces. These lubricants resist oxidation and have excellent EP protection. They are rust-inhibited and non-staining, and meet or exceed CINCINNATI MILACRON P-47 and P-50 specifications and the BIJUR FILTRATION TEST.

MFA Oil Way Lubricants are recommended for slide-way bearings of: lathes, shapers, grinders, lumber mills (saws and carriages) and milling machines.

- Ride-away performance
- Non-staining
- Rust inhibited
- Resists oxidation
- Excellent thermal stability
- Low foaming stability
- Eliminates stick-slip

*Always consult and follow manufacturer's guide for proper application and ISO grade.*



# WAY LUBRICANTS



## Typical Characteristics

PRODUCT	ISO 68	ISO 220
Gravity, °API	30.73	28.10
Specific Gravity @ 60°F (15.6°C)	0.8722	0.8866
Viscosity @ 40°C cSt	67.86	217.5
Viscosity @ 100°C cSt	6.78	19.15
Viscosity Index	101	99
Color	0.5	6.5
Phosphorus, wt. %	0.0185	0.0185
Sulfur, wt. %	0.1095	0.1095

Available Sizes	ISO 68	ISO 220
	5 Gal*	5 Gal*
	55 Gal Drum	55 Gal Drum
	Bulk	330 Gal Tote*
		Bulk

\* Available by special request

## Performance Level

FOUR BALL WEAR  
Scar Diameter (mm) 0.27-0.33

FALEX EP  
Failure Load (lbs.) 750

COPPER STRIP  
3 hrs @ 100°C 1A

STICK-SLIP TEST  
Coefficient of Static Friction\*  
0.0535-0.0516

Coefficient of Dynamic Friction\*  
0.0969-0.0940

Stick-Slip Number\*  
0.5500-0.5490

LVFA LIMITED SLIP\*\*\*

10KG Loading  
Coefficient of Static Friction\*  
0.0535-0.0340

Coefficient of Dynamic Friction\* @ 1000RPM  
0.1010-0.0950

60KG Loading  
Coefficient of Static Friction\*  
0.0680-0.0550

Coefficient of Dynamic Friction\* @ 1000RPM  
0.0990-0.1010

Cincinnati Milacron P-47, P-50

\* Depending on ISO Grade

\*\*\*Low velocity friction apparatus: steel disc on disc, 250°F, 1000 RPM to coast down.

## Available In:

5 Gal\*, 55 Gal Drum, 330 Gal Tote\*, Bulk

