



UNIVERSAL WAY LUBES

Product Description **Universal Way Lubes** are a combination of highly refined paraffin base-stock, extreme-pressure additives, friction modifiers and corrosion inhibitors combined with a tackifier to exhibit stringiness characteristics. **Universal Way Lubes** provide extreme pressure protection, prevent stick-slip and protect against corrosion. They are resistant to removal by the detergency of water soluble and synthetic coolant environments, this resistance to emulsification allows the product to be easily skimmed off from the coolant reservoir.

Applications **Universal Way Lubes** are recommended for slides and ways where frictional control and or extreme pressure properties are required. Typical uses include milling machines, horizontal and vertical boring mills, planers, lathes, shapers and other machine tools that employ slideways to control workpiece straight-line motion. **Universal Way Lubes** meet Cincinnati Machine P-47 or P-50 specifications.

- Benefits**
- Excellent corrosion resistance
 - Excellent stick-slip characteristics
 - Extreme pressure
 - Resists water wash off
 - Low coefficient of friction
 - Excellent separation from coolants

Specifications

Typical Property	Test Method	Typical Results			
ISO Viscosity Grade		32	68	150	220
Viscosity					
cSt @ 40°C	ASTM D 445	30.0	67	148	215
@ 100°C	ASTM D 445	4.8	8.1	14.0	14.4
Viscosity Index, min.	ASTM D 2270	95	95	95	95
Flash Point, COC F	ASTM D 92	415°	445°	460°	480°
Pour Point, F	ASTM D 97	10°	10°	15°	15°

Universal Oil Item Number 16-21-36 16-21-37 16-21-38 16-21-39

Refer to Universal Oil's Material Safety Data Sheet (MSDS) **16-21-36** for additional information.