

AMALIE®

Better than it has to be®
Since 1903

WAY LUBE

ISO 220

SUPERIOR OIL

BENEFITS:

- » Enhanced Tackiness to Ensure Good Adherence to Tool Ways
- » Helps to Promote Smooth Tool Movement
- » Superior Demulsibility to Separate from Metalworking Coolants



MADE IN U.S.A.



WAY LUBE SUPERIOR OIL

AMALIE Way Lube - Superior 220 is a premium slide-way lubricant which is formulated to protect slide-ways which carry machine tools in severe environments including plain bearing slide-ways of lathes, shapers, grinders, and milling machines. Performance attributes afforded by **AMALIE Way Lubes** include: Antiwear/extreme pressure performance, anti-rust performance, yellow metal corrosion resistance, and anti-oxidancy. In addition, the smooth operation of the way is seen when **AMALIE Way Lube** is used, it can lead to improved accuracy and quality, which is a result of **AMALIE Way Lubes** strong friction performance as measured by stick-slip resistance. Given the proximity of the way to machine tools and their cutting fluids, a degree of separation from the cutting fluid is desirable. **AMALIE Way Lube – Superior 220** separates easily from a variety of emulsion-type cutting fluids which allow them to be separated and circulated back to the cutting tool. **AMALIE Way Lube – Superior 220** also contains tackiness additives to ensure good adherence of the oil to both vertical and horizontal ways, and to prevent any cutting fluid from washing away the slide-way oil. This product is formulated in various ISO viscosity grades, with varying high and low temperature properties depending on ambient conditions. They are suitable for use wherever Cincinnati Machine slide-way oil performance is called for and meet stringent performance requirements.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

ISO Grade.....	220
API Gravity.....	27.5
Flash Point, °C.....	230
Viscosity @100, cSt.....	22.8
Viscosity @40, cSt.....	220
Viscosity Index.....	100
Pour Point, °C.....	-12

Typical values are listed. Variations not affecting the performance of this fluid may occur during production; however, these variations will not fall outside of set specification parameters.

Please consult AMALIE Technical Services or your local representative for a full listing of applications.

Technical Services: • (800) 368-1264 • techservices@amalie.com

PERFORMANCE APPLICATION CHART

SPECIFICATIONS	WAY LUBE SUPERIOR ISO 220
Cincinnati Machine	Meets
Vickers 104C, ASTM D 2882	Meets
Rust, ASTM D 665A, B	√
Corrosion, ASTM D 130	√
Timken OK Load, 60 lb min.	√
FZG Load Stage Pass (12 Pass)	√
Demulsibility ASTM D 2711 (pass)	√
Oxidation, S-200 (pass)	√
Foam Inhibition, ASTM D 892 (pass)	√

WAY LUBE - SUPERIOR OIL

VISCOSITY	PACK SIZE	PART #
ISO 220	55 Gallon Drum	160-74933-05

The data presented herein are believed to be accurate; however, Amalie Oil Company shall not be liable for its content and makes no warranty with respect thereto.

Health and Safety

Safety Data Sheets (SDS) are available from your sales representative or at AMALIE.com.