



**MACHINE WAY
LUBRICANTS**

Horizontal and Vertical Slide Way Lubricants
Protect Sliding Parts on Machine Tools



REV: 05.30.2024



DESCRIPTION

Gard™ Machine Way Lubricants are formulated from specially selected base oils fortified with rust preventative, lubricity agents, extreme pressure additives, demulsifiers, and friction modifiers to lubricate and protect sliding parts on machine tools.

Gard Machine Way Lubricants are blended from highly refined, hydrotreated paraffinic base oils with special additives to provide tackiness that allows the lubricants to adhere to slide ways during severe applications.

BENEFITS

- ▣ Provides a viscous hydrodynamic film for protection against wear and chatter
- ▣ Protects against rust and corrosion
- ▣ Helps prevent "slip-stick," jerky movement on machine ways

APPLICATION

- Ways on lathes, milling machines, boring machines, and other machine tools where moving parts slide over each other
- Machine tool applications that require a dual purpose hydraulic way oil

PERFORMANCE RATING

Fives (Formerly Cincinnati Milacron)
P-47, P-50, P-53 test for stick slip

| TYPICAL PROPERTIES | METHOD | ISO 68 | ISO 100 | ISO 150 | ISO 220 | ISO 320 |
|--------------------------|--------|-----------|-----------|-----------|-----------|-----------|
| Specific Gravity, 15.6°C | D-1298 | 0.8664 | 0.8671 | 0.8776 | 0.8871 | 0.8955 |
| Viscosity, cSt at 40°C | D-445 | 69.2 | 104.8 | 148.7 | 217.3 | 300.9 |
| Viscosity, cSt at 100°C | D-445 | 9.6 | 12.6 | 15.8 | 19.9 | 24.3 |
| Viscosity Index | D-2270 | 119 | 114 | 110 | 105 | 102 |
| Flash Point, °C (°F) | D-92 | 192 (379) | 243 (469) | 243 (469) | 232 (450) | 254 (489) |
| Pour Point, °C (°F) | D-97 | -32 (-26) | -30 (-22) | -28 (-18) | -21 (-6) | -18 (-1) |



NOTE:

The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional qualifications, please contact Martin Lubricants Technical Service Department.

Health And Safety Information See separate Safety Data Sheets available on request.

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