



Multi-Way Machine Lubricant

Conoco Multi-Way Machine Lubricant is a high-quality, heavy-duty circulating machine tool lubricant. It is specially formulated with hydrocracked base stocks and proprietary additive chemistry containing oiliness and tackiness agents. Multi-Way Machine Lubricant provides exceptional control of lubricant runoff, excellent adhesion to horizontal and vertical way surfaces, good rust and corrosion protection and wear protection.

Applications

Plain bearing slideways of lathes, shapers, grinders, milling machines and other machine tools that employ recirculating lube systems in which one fluid is used for the lubrication of slideways, gears, hydraulics, screws and other machine components.

Multi-Way Machine Lubricant also can be used effectively on the slideways of saws and carriages found in lumber mills. It has exceptionally low stick/slip ratios to prevent problems during slow-speed operations.

Multi-Way Machine Lubricant is available in ISO viscosity grades 32, 68 and 220. It was tested and formally approved by Bijur and Cincinnati Machine in accordance with its Lubricant Specifications P-47 (ISO 68), P-50 (ISO 220) and P-53 (ISO 32).

Outstanding Features

- Exceptional control of lubricant runoff
- Prevention of stick/slip problems
- Excellent adhesion properties
- Reduction of friction and wear
- Protection from scoring under heavy loads
- Excellent frictional and metal-wetting properties

High-Quality Way Lubricant

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Multi-Way Machine Lubricant
Typical Properties

ISO Grade	32	68	220
Viscosity,			
cSt @ 40°C	33.1	68.0	212
cSt @ 100°C	5.7	9.0	18.5
SUS @ 100°F	170	352	1120
SUS @ 210°F	45	57	95
Viscosity Index	112	107	96
Pour Point,			
°F	0	10	10
°C	-18	-12	-12
Flash Point (COC),			
°F	425	495	550
°C	218	257	288
ASTM Color	0.5	1.5	3.5
Density, lb/gal	7.21	7.27	7.40
Demulsibility, ASTM D1401, mins to pass	20	10	10
Four-Ball Weld Load, ASTM D2783, kgf	250	250	315
Copper Corrosion, ASTM D130	1a	1a	1a
Rust Test, ASTM D665 B	Pass	Pass	Pass
Total Acid Number (TAN), ASTM D974	0.1	0.1	0.1
Stick-Slip Ratio	0.80	0.77	0.76
Timken OK Load, lbs	65	55	65

Due to continual product research and development, the information contained herein is subject to change without notification.

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