



# Perlube WL Series



## Slideway Oils

### DESCRIPTION:

Perlube WL series are outstanding, multipurpose lubricating and machine tool slideway oils designed to provide excellent machine tool performance. Perlube WL series are superior lubricating oils with excellent oxidation and corrosion protection as well as unsurpassed water separation characteristics. Perlube WL series have load carrying and staying properties that make them excellent way lubricants.

### SAFE HANDLING & STORAGE CONDITIONS:

Before handling, the Safety Data Sheet (SDS) should be read and understood by all personnel in contact with this product. General indoor storage at room temperature is recommended.

### DISPOSAL:

Any disposal of this product should be in compliance with all federal, state, and local regulations. Please refer to the Safety Data Sheet (SDS) for instructions regarding proper disposal of this product.

### PRECAUTIONS:

KEEP OUT OF THE REACH OF CHILDREN.

Please refer to the label and Safety Data Sheet (SDS) for all warnings, recommendations for safety equipment, and other regulatory information. Copies of the SDS can be ordered by calling 800-438-2647.

### TECHNICAL DATA:

TEST	WL-22	WL-32	WL-46	WL-68	WL-100	WL-150	WL-220
ISO Grade	22	32	46	68	100	150	220
ASTM Color	1	2	2	2	4	4	4
Odor	Mild	Mild	Mild	Mild	Mild	Mild	Mild
Viscosity @ 100°F (sus)	98 – 120	149 – 182	214 – 262	317 – 389	468 – 575	709 – 871	1047 – 1283
Flash Point, COC, °F/°C	380 / 193	380 / 193	380 / 193	420 / 215	420 / 215	420 / 215	460 / 238
Specific Gravity	0.86	0.87	0.88	0.88	0.88	0.89	0.89

### PERFORMANCE DATA:

Rust & Corrosion
Copper Corrosion (D-130)
3 Hours @ 100°C: 1b
3 Hours @ 121°C: 2c

Four Ball Wear Test
(D-2266)
(20kg, 1hr, 54°F, 1800 rpm)
Scar Diameter, mm: 0.30

Bijur Filterability
Pass

Demulsibility
(D-2711)
Water in Oil, %: Trace
Total mLs of Free Water: 45
Emulsion, mL: 0

Frictional Test
Cincinnati Milacron
Stick Slip Test: Pass

Oxidation & Thermal Stability
High Temperature Test
(Modified D-2893)
(121°C @ 312 Hours, 10L Air/Hr.)
% Viscosity Increase: 3.4
Precipitation Number: Trace



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