



## SLIDEWAY OILS 32, 46, 68, 100 & 220

### DESCRIPTION

Slideway Oils are based on highly refined, high viscosity index, mineral oils. They contain tackiness and other special additives to meet the lubrication demands of present day machine tools.

### APPLICATION

- All machine tool parts, including bearings and gearboxes, lubricated by circulation systems
- Machine tool hydraulic systems (ISO 32, 46, 68, 220 grades)
- Machine Tool slideways

### PERFORMANCE

Meets or exceeds:

- CINCINNATI MILACRON P47, P50 AND P53

### ADVANTAGES

- Excellent low friction - reduced chatter and vibration caused by the phenomenon of stick-slip.
- Oxidation stability - withstands high operating temperatures and prolongs oil life.
- Low Viscosity at machine tool start-up temperatures and adequate viscosity at high working temperatures.
- Minimum oil leakage through seals.
- Improved emulsion separation performance - resist wash-off by coolants.
- Anti-corrosion performance - provides protection on all machine tool metal surfaces.
- Components being machined stay stain free.
- Excellent anti-wear characteristics - minimum machine tool downtime reduced servicing costs.

### TYPICAL PHYSICAL CHARACTERISTICS

Property	Unit	32	46	68	100	220	Method
ISO Viscosity Grade		32	46	68	100	220	
ISO Viscosity Type		G/GH	G/CG	G/GH	C/GH	G/CG	G/CG
Viscosity @ 40°C	cSt	32	46	68	100	220	ISO 3104
Viscosity @ 100°C	cSt	5.9	7.6	9.3	11.8	18.5	ISO 3104
Density @ 15°C	Kg/L	0.872	.879	0.882	0.888	0.893	IP 3675
Flash Point	°C	216	218	219	233	270	(PMCC) IP 34
Pour Point	°C	-30	-29	-27	-21	-21	IP 15

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