

DROSERA MS



LUBRICATION



Machine tool slideway oil

APPLICATIONS

Oil for lubricating slides, gibs and ways

- **DROSERA MS** oils are premium grade compounded lubricants designed for lubricating machine tool slideways. They contain a non-corrosive additive, which provides anti-stick-slip properties.
- **DROSERA MS** oils have been specifically designed for use in machine tool slideways, whatever the speed and load conditions are, depending on the viscosity grade used.

SPECIFICATIONS

International specifications

- CINCINNATI MACHINE: P53 (ISO 32); P47 (ISO 68), P50 (ISO 220)
- DIN 51502: CGLP46; CGLP68; CGLP100; CGLP150; CGLP220
- DIN 51517 Part 3 : CLP 46 ; CLP 68 ; CLP 100 ; CLP 150 ; CLP 220
- ISO 6743/4 : HG32 ; HG46
- ISO 6743/13: GA68; GA100; GA150; GA220

ADVANTAGES

Long equipment life and high operating reliability

- Excellent anti-stick-slip properties.
- Controlled coefficient of friction.
- High load capacity.
- Inert towards metals (non-staining and no corrosive wear).
- Very good rust protection.
- Excellent water/oil demulsification properties.
- High chemical and thermal stability.
- Strong adhesion to ways (grades 68 to 220)

TYPICAL CHARACTERISTICS--DROSERA MS							
ISO Grade		32	46	68	100	150	220
Viscosity at 40°C, cSt	ASTM D 445	32.0	46.0	68.0	100.0	150.0	220.0
Viscosity Index	ASTM D 2270	> 95	> 95	> 95	> 95	> 95	> 95
Density @ 60°F, lbs./gal.	ASTM D 1298	7.23	7.27	7.30	7.35	7.40	7.45
Specific Gravity @ 60/60°F	ASTM D 1298	0.866	0.871	0.875	0.881	0.887	0.893
Pour Point, °F	ASTM D 97	0	5	5	5	10	10
Flash Point, COC, °F	ASTM D 92	405	410	420	480	500	530
Copper Strip Corrosion	ASTM D 130	1A	1A	1A	1A	1A	1A

TOTAL Lubricants USA Southwest

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Drosera MS
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