



## OPTIMUS SLIDEWAYS OIL

### PRODUCT DESCRIPTION:

Optimus Slideways Oil range has been specially designed to meet the demanding lubricant requirements of modern machine tool slideways. It is based on highly refined mineral oils and contain additives to enhance its tackiness, anti-wear and stick-slip characteristics. The products provide maximum protection against wear and corrosion with excellent adhesion to the slideways even under the most difficult working conditions.

### APPLICATION:

Optimus Slideways Oils have been specifically formulated for use as machine tool slideway lubricants. The products within the range can also be used as circulatory oils, hydraulic oils, pneumatic tool lubricants, gear oils, general purpose lubricants and chain oils, depending upon specific manufacturer's requirements.

### FEATURES & BENEFITS:

- Excellent frictional properties
- High adhesion to metal surfaces
- Good filter ability
- Exceptional anticorrosion protection and anti-foam properties

### PERFORMANCE LEVELS: Meets or Exceeds:

- Cincinnati Milacron P-47, P-50, P-53, P63, P-68, P69, P-70, P-74
- Staticinometer SF/BP
- Siderurgie Francaise FT 173
- DIN 51 524 - 2
- DIN 51 517 - 3
- AGMA Mild EP
- AFNOR NF E 48-603
- US Steel 224

### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	OPTIMUS SLIDEWAYS OIL						
			32	46	68	100	150	220	320
ISO VG Grade			32	46	68	100	150	220	320
Kinematic Viscosity @ 104°F /40°C	D445	cSt	32.2	45.6	67.8	100.2	149.5	219.5	320.5
Viscosity Index	D2270	-	95	94	93	91	93	92	90
Flash Point (min)	D92	°C	218	224	234	240	240	250	260
Pour Point	D97	°C	-27	-27	-24	-21	-21	-15	-12
Density @ 15.6 °C	D4052	g/cm <sup>3</sup>	TBR	TBR	TBR	TBR	TBR	TBR	TBR

**DISCLAIMER:** The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)

### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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