

Oculus Slideway Oil series is formulated with a highly refined mineral base oil and an ash-less, multifunctional additive to give outstanding protection, efficient lubrication and stability. Oils in this series are formulated to enhance lubrication, protection, adhesiveness, friction reduction, and smooth operation of slideways of grinding machines, cutting machines, milling machines and lathes. These oils demonstrate excellent compatibility with typical metal-working fluids used in the same equipment.

BENEFITS

- Excellent lubricating property for smooth slide way movement.
- Superior protection against wear and tear, seizure, and micro-welding to increase equipment service life.
- Compatible with all types of slide way material.
- Good protection against rust and corrosion even when water soluble cutting fluids are used in equipment.
- Good load carrying capability under heavy loads.
- Good demulsibility.

APPLICATIONS

- Oculus Slideway Oil 32 is recommended for machine tools with combined hydraulic and slide way lubrication.
- Oculus Slideway Oil 68 is appropriate oil for horizontal slideways.
- Oculus Slideway Oil 220 is used on heavy or vertical slides.

TYPICAL CHARACTERISTICS*

| PROPERTIES | METHODS | TYPICAL RESULTS | | |
|---------------------------|-------------|-----------------|--------|--------|
| | | 32 | 68 | 220 |
| Density @ 15oC, kg/L | ASTM D-4052 | 0.8811 | 0.8898 | 0.9011 |
| K. Viscosity @ 40oC, cSt | ASTM D-445 | 31.37 | 66.73 | 220.10 |
| K. Viscosity @ 100oC, cSt | ASTM D-445 | 5.27 | 8.55 | 19.20 |
| Viscosity Index | ASTM D-2270 | 98 | 98 | 98 |
| Flash Point (COC), oC | ASTM D-92 | 200 | 228 | 244 |
| Pour Point, oC | ASTM D-97 | -6 | -6 | -3 |
| Phosphorous, wt.% | ASTM D-4951 | 0.02 | 0.02 | 0.02 |

*These typical characteristics mentioned are based on current mean values.



HEALTH & SAFETY

Guidelines for health, safety and handling are available in Material Safety Data Sheet of the product which can be obtained from Oculus Lubricant representative.



ENVIRONMENT PROTECTION

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



ADVICE

Advice on application not covered in this leaflet, may be obtained from Oculus Lubricant representative.