



## PRODUCT & TECHNICAL DATA

# PRO SLIDEWAY OIL

## ANTI-STICK-SLIP SLIDEWAY LUBRICANT

### DESCRIPTION

Pro Slideway Oils are specially formulated multi-functional oils. It contains carefully selected friction controlling agents together with extreme pressure, anti-oxidant, anti-wear, anti-corrosion, anti-foam and tackiness additives. It is formulated using virgin base oils to combine the anti-stick-slip, adhesive and protection properties of a slideway lubricant with the anti-wear properties of modern hydraulic oils. Their dual-purpose nature enables the user to rationalize machine shop lubricants.

### APPLICATIONS

Pro Slideway Oils are particularly suitable for machine tools with combined slideway lubrication/hydraulic systems. It can be used in old and new systems and applied either by centralized systems or by hand. These features, together with their suitability for machine tool headstocks and aprons, minimize the possibility of cross contamination. Pro Slideway Oils is also suitable in other industrial applications requiring a tacky, non-corrosive product with EP properties. Due to the entire separation of Pro Slideway Oils and the emulsion during stand still phases, the slide way oil can easily be removed from the water-soluble oil. Pro Slideway Oils do not attack plastic covered slide ways and are compatible with all mineral oil resistant seal materials, as well as non-ferrous metals and varnish coats.

### FEATURES AND ADVANTAGES

- Smooth, chatter-free operation.
- Accurate table positioning.
- Rust and corrosion inhibitors protects machine components.
- Stays in place.
- Very good oxidation stability, high working corrosion protection, a good adhesive ability, also on vertical guides.
- Exceptional low friction coefficient, very good slide behaviour with different material pairing, no stick-slip.
- High lubricant ability and a very good demulsifiable function with all water-soluble oils.

# PRO SLIDEWAY OIL

## PRODUCT AND TECHNICAL DATA

### PHYSICAL CHARACTERISTICS

|  |      |       |
|--|------|-------|
| ISO VG                                   | 68   | 220   |
| Viscosity @ 40 °cSt, mm <sup>2</sup> /s  | 68   | 220   |
| Viscosity @ 100 °cSt, mm <sup>2</sup> /s | 8.6  | 19.5  |
| Viscosity Index                          | 108  | 103   |
| Pour Point, °C                           | -33  | -30   |
| Flash Point, °C                          | 220  | 230   |
| Desnisty @ 20°C, kg/l                    | 0.88 | 0.891 |

## PRODUCT AND TECHNICAL DATA

Further information on all Pro Oil SA lubricants is available from any Pro Oil SA office or from:  
[www.prooil.co.za](http://www.prooil.co.za)

These characteristics are typical of current production.  
Whilst future production will conform to Pro Oil SA's specification, variations in these characteristics may occur.

### Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Pro Oil SA representative.

The Pro Oil SA name and Pro Oil SA logo are trademarks of Pro Oil SA (PTY) LTD and are used under license.

Although all reasonable care has been taken to ensure that the information contained in this publication is accurate as at the time of printing, such information is nevertheless liable to variation in the event of changes occurring subsequent to the date of printing it: the blend formulation, methods of storage, or due to the improper handling or application of any of the products referred to, or in the requirements of any specification or approval relating to any of the products.

For more information, contact: Pro Oil SA (PTY) LTD  
Unit 3, Shalem Park  
60 Lauda Road  
Killarney Gardens  
Cape Town  
South Africa  
7411

Technical Advice Line: (+27) 21 556 6109  
Customer Service: (+27) 21 556 6109