



## DURALIFE® PREMIUM SLIDEWAY LUBRICANTS

**DURALIFE® PREMIUM SLIDEWAY LUBRICANTS** are high performance demulsifying slideway lubricants formulated from premium quality, high viscosity index base oils and select additives to provide excellent anti-wear and EP characteristics, low friction properties, adhesiveness filterability and water capabilities. They are specifically designed to prevent stick-slip problems to ensure good surface finish on the machined part and to satisfy the requirements of lathes and heavily loaded latest machine tool slideways and hydraulic systems. They are compatible with cast iron, steel and all other modern plastic slideway materials.

### APPLICATIONS :

**DURALIFE® PREMIUM SLIDEWAY LUBRICANTS** are recommended for

- Machine tools with a common system for hydraulics and way lubrication under conditions of speed and load
- Horizontal and vertical slideways on machine tools, such as lathes, planers, shapers, drilling machines, milling machines and screw machines
- Priting presses, lumber mill saw carriages
- Hydraulic circuits for hydraulic pumps and motors
- Gear boxes and feed mechanisms of all types with or without wet electro magnetic clutches.

### BENEFITS :

- Excellent anti-stick-slip performance.
- Good thermal and oxidation stability.
- Excellent demulsibility as it separate from water easily.
- Good antifoam properties.
- Excellent anti-wear and EP properties provide high level of protection for slideways, gears, bearings nad hydraulic system components.

### TYPICAL CHARACTERISTICS :

| Test                               | Method      | SLW 15       | SLW 22        | SLW 32       | SLW 46       | SLW 68       |
|------------------------------------|-------------|--------------|---------------|--------------|--------------|--------------|
| API Gravity                        | ASTM D287   | 34.58        | 32.08         | 31.14        | 29.11        | 28.39        |
| Specific Gravity @ 15.6°C (60°F)   | ASTM D1298  | 0.852        | 0.865         | 0.870        | 0.881        | 0.885        |
| Viscosity @ 40°C, cSt              | ASTM D445   | 15           | 22            | 32           | 46           | 68           |
| Viscosity Index                    | ASTM D 2270 | 100          | 100           | 105          | 104          | 102          |
| Flash Point, °C (°F)               | ASTM D92    | 160<br>(320) | 200<br>(392)  | 230<br>(446) | 230<br>(446) | 230<br>(446) |
| Pour Point, °C (°F)                | ASTM D97    | -15<br>(5)   | -12<br>(10.4) | -9<br>(15.8) | -9<br>(15.8) | -9<br>(15.8) |
| F Z G Scuffing Test , Fail stag    | ASTM D 5182 | 13           | 13            | 13           | 13           | 13           |
| Copper Strip Corrossion, 3h@100 °C | ASTM D130   | 1B           | 1B            | 1B           | 1B           | 1B           |
| Rust Characteristics               | ASTM D665A  | Pass         | Pass          | Pass         | Pass         | Pass         |
| Stick-Slip Performance             | ASTM D2877  | <0.8         | <0.8          | <0.8         | <0.8         | <0.8         |

| Test                               | Method      | SLW 100      | SLW 150      | SLW 220      | SLW 320      |
|------------------------------------|-------------|--------------|--------------|--------------|--------------|
| API Gravity                        | ASTM D287   | 28.03        | 27.49        | 25.72        | 23.99        |
| Specific Gravity @ 15°C (60°F)     | ASTM D1298  | 0.887        | 0.890        | 0.900        | 0.910        |
| Viscosity @ 40°C, cSt              | ASTM D445   | 100          | 150          | 220          | 320          |
| Viscosity Index                    | ASTM D 2270 | 100          | 98           | 98           | 95           |
| Flash Point, °C (°F)               | ASTM D92    | 230<br>(446) | 235<br>(455) | 235<br>(455) | 235<br>(455) |
| Pour Point, °C (°F)                | ASTM D97    | -9<br>(15.8) | -9<br>(15.8) | -9<br>(15.8) | -6<br>(21)   |
| F Z G Scuffing Test , Fail stag    | ASTM D 5182 | 13           | 13           | 13           | 13           |
| Copper Strip Corrossion, 3h@100 °C | ASTM D130   | 1B           | 1B           | 1B           | 1B           |
| Rust Characteristics               | ASTM D665A  | Pass         | Pass         | Pass         | Pass         |
| Stick-Slip Performance             | ASTM D2877  | <0.8         | <0.8         | <0.8         | <0.8         |

*The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture.*

**WARNING :**

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children. Don't pollute. Conserve resources. Return used oil and bottle to collection centers

*Reference SDS Number 12097 database on our website at [www.amtecol.com](http://www.amtecol.com) OR scan the code for a direct link*

