



## **SLS Slide Lube Lubricants**

### Description:

The SLS Slide Lube Lubricants were specifically designed for the lubrication of walking slides on draglines used in the mining industry. There are two grades, Medium and Heavy.

The SLS Slide Lube Lubricants are formulated with a combination of pure high viscosity base fluids and the latest in specialty extreme pressure and anti-wear additives to provide maximum protection to the slide mechanisms on dragline shovels. This combination forms a powerful coating on the sliding surfaces where extremely high loads are encountered from metal-to-metal contact. The adhesive coating significantly reduces friction in the contact area which leads to less heat and wear. The result is a remarkable extension of equipment life and an outstanding reduction in downtime. SLS Slide Lube lubricants allow draglines to walk to their destination without ever needing to stop for a cool down.

As with all SLS lubricants, the SLS Slide Lube Lubricants are formulated to minimize potential environmental pollutants. They contain no heavy metals and use non-chlorinated solvents.

### Features & Benefits:

1. Formulated to address environmental concerns – SLS Slide Lube Lubricants contain no heavy metals or chlorinated solvents.
2. Formulated with synergistic base fluids and additives that significantly reduce friction, heat and wear.
3. Remarkably extend equipment life, significantly reducing downtime and operating costs.
4. Base fluid and additive combination significantly reduce heat, allowing dragline shovels to walk to destinations without having to stop for a cool down.

### Applications:

SLS Slide Lube Lubricants are specially designed to lubricate and provide superior protection to slide mechanisms on dragline shovels.

# SLS Slide Lube Lubricants Product Typical Data

| Test  | Method                | Typical Test Data            |                              |
|---|-----------------------|------------------------------|------------------------------|
|   |                       | Slide Lube Heavy             | Slide Lube Medium            |
| Kinetic Viscosity with Solvent, cSt<br>@ 40 °C<br>@ 100°C<br>Viscosity Index                      | ASTM D-445            | 14,000<br>460<br>170         | 4,800<br>225<br>160          |
| Kinetic Viscosity without Solvent, cSt<br>@ 40 °C<br>@ 100°C                                      | ASTM D-445            | 53,000<br>1,000              | 21,500<br>550                |
| 4-Ball EP Weld Point, kg  | ASTM D-2596           | 800                          | 620                          |
| Load Wear Index   | ASTM D-2596           | 140                          | 120                          |
| 4-Ball Wear Scar, mm  | ASTM D-2266           | 0.60                         | 0.60                         |
| Flash Point, °F   | ASTM D-92             | 300                          | 300                          |
| Block on Ring: Bronze-on-Steel<br>(600lbs/59rpm/1hr)<br><br>• PSI Rating<br><br>• Max Temp, °C    | ASTM 2509<br>Modified | Pass<br><br>12,000<br><br>40 | Pass<br><br>11,000<br><br>40 |
| Block on Ring: Bronze-on-Steel<br>(500lbs/100rpm/10min)<br><br>• PSI Rating<br><br>• Max Temp, °C | ASTM 2509<br>Modified | <br><br>30,000<br><br>50     | <br><br>25,000<br><br>50     |

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