



# PRODUCT DATA SHEET



---

## SLIDE AND CAM LUBRICANT

**Slide and Cam Lubricant** is specifically formulated to meet and exceed the benchmark specifications for lubricants for the Caterpillar slide and cam walking mechanism used on large draglines, specifically the 2500W Series. **Slide and Cam Lubricant** provides protection for the plain bearings and sliding surfaces which encounter boundary lubrication conditions during normal propel. The Extreme Pressure protection along with the anti-wear properties of **Slide and Cam Lubricant** provide surfaces with the protection necessary to avoid surface damage of sliding components.

### *Applications*

---

- ◆ Designed for Caterpillar slide and cam walking mechanisms on Bucyrus 2550Ws and 2570Ws
- ◆ Provides protection for plain bearing and sliding surfaces

### *Features and Benefits*

---

- |                             |   |
|-----------------------------|---|
| ◆ Pumpability               | Can be pumped through auto-lube systems without degradation to the lubricant or its properties. |
| ◆ Reduced friction          | Eliminates chatter and vibration between sliding surfaces, enabling cooler operation.           |
| ◆ Outstanding EP properties | Reduces wear, providing extended component life in the severest sliding contacts.               |
| ◆ Mechanically stable       | Maintains viscosity even under high load and high shear conditions.                             |

### *General Description*

---

**Slide and Cam Lubricant** is a heavy bodied, solvent-free compound designed to exceed the requirements of Caterpillar 2500W Series dragline slide and cam propel mechanism.

**Slide and Cam Lubricant** is fortified with a proprietary Bel-Ray chemical system to provide a durable lubricating film, reducing metal-to-metal contact and minimizing component wear under the severest operating conditions. **Slide and Cam Lubricant** also provides protection against rust and corrosion.

**Product No. 301594, 301595, 301596**

**SLIDE AND CAM LUBRICANT**  
**TYPICAL PROPERTIES**

<b><u>Product No.</u></b>	<b><u>301594</u></b>	<b><u>301595</u></b>	<b><u>301596</u></b>
<b><u>Old Product No.</u></b>	<b><u>64300</u></b>	<b><u>64310</u></b>	<b><u>64330</u></b>
Bel-Ray Name Grade	Heavy	Medium	Light
Apparent Viscosity (Brookfield), ASTM D2983 mod. @ 25°C (77°F), cP	87,000	45,000	1,880
Pumpability, Lincoln Ventmeter, from 1800 psi @ Room Temperature, ~25°C (~77°F), psi	<400	<400	<400
@ -1°C ( 30°F), psi	--	<400	<400
@ -18°C ( 0°F), psi	--	<400	<400
@ -34°C (-30°F), psi	--	--	<400
4-Ball EP Test, ASTM D2596 Weld Load, kg	≥620	≥620	≥620
Retention Test, USS Method Film Life, minutes	30	30	>10
Color	Black	Black	Black