

Slide and Cam Lubricant

PRODUCT DESCRIPTION

Bel-Ray® 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. 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 FEATURES

- Good pumpability
- Reduced friction
- Outstanding EP properties
- Mechanically stable

BENEFITS

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

APPLICATIONS

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

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TECHNICAL DATA SHEET



PRODUCT DATA

Typical Properties			
Property	Test Method	Light	Medium
Apparent Viscosity @ 25°C, (cP)	ASTM D2196	1,880	45,000
Pumpability, Lincoln Ventmeter, from 1800 psi @ Room Temperature, ~25°C (psi)		<400	<400
@ -1°C (psi)		<400	<400
@ -18°C (psi)		<400	<400
@ -34 °C (psi)		<400	--
4-Ball EP Test, Weld Load (kgf)	ASTM D2596	>620	>620
Timken Retention Test, Film Life @ 43 lbs, minutes	US Steel Film Life	30	30
Color		Black	Black

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com

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