

NEW SLS CAM LUBE SUMMER & WINTER

Descrip(on:

The new SLS CAM Lube Summer and Winter grades were developed to lubricate the “walking cam” mechanisms that move the large draglines manufactured by Caterpillar and by Bucyrus Int prior.

These new cam lubes were developed to maximize lubricity characteristics as well as optimize extreme pressure properties. These products reduce or eliminate vibration of the dragline during short and long walks and protect the cams and rails against rust, corrosion, and discoloration in the presence of water and high humidity.

To optimize and maximize the performance characteristics, the new SLS CAM Lubes are formulated with the latest technologies in lubricity and EP additives along with the purest grades of solid lubricants, minimizing contaminants. The products are environmentally friendly, containing no halogenated or chlorinated compounds. They contain over 40 % of lubricating solids and are formulated with the most efficient rust and corrosion inhibitors to protect against discoloration of the metal surfaces.

The new SLS CAM Lubes are also formulated with a combination of polymers, adhesives, and plasticizers that form a tenacious, but pliable film, that adheres and protects the surfaces of the cams and rails.

Features & Benefits:

1. Formulated to address environmental concerns – SLS Cam Lubes are free of chlorinated solvents and heavy metals such as lead, antimony and barium.
2. Provides a tenacious lubricant coating that eliminates vibration, reduces wear and provides extreme load-carrying abilities.
3. Excellent adhesion characteristics allow the product to stay on the cam and reduce consumption.
4. Highly efficient rust and corrosion inhibitors protect against discoloration and extend cam life.

Applications:

The new SLS Cam Lubes were designed to lubricate the “walking cam” mechanisms that move large draglines. They will also provide superior protection in other applications where heavy loads and low speeds are found.

SLS Cam Lube Product Typical Data

Test	Method	Typical Test Data	
		SLS Cam Lube Summer	SLS Cam Lube Winter
NLGI Grade	NLGI	#1	#0
Penetration @ 77F W60	ASTM D-217	320	370
4-ball EP, weld point, kg.	ASTM D-2596	800	800
4-ball EP, LWI	ASTM D-2596	140	140
Mobility @ 60 F (g/min)	US Steel	150	200
Block on Ring (700lbs/60rpm/1hr)	ASTM D-2509 (Modified)	Pass/17,000 psi	Pass/17,000 psi