



TECHNICAL DATA SHEET

WhitSlide® TCLP-SAFE CAM AND SLIDE LUBRICANT

Whitmore's WhitSlide® TCLP-SAFE cam and slide lubricant has been specifically formulated to provide superior lubrication to the slide mechanisms utilized on Bucyrus-Erie 2500 series draglines. The high film strength and friction-reducing ability of WhitSlide® allows draglines to walk smoothly with minimal heat generation. Field experience on Bucyrus-Erie machines has verified the ability of WhitSlide to reduce friction, heat and wear. This ability provides extended slide life and results in less downtime, less maintenance and increased productivity.

WhitSlide® is a viscous lubricant which forms a tenacious coating on sliding surfaces. This coating serves as a barrier to help prevent metal-to-metal contact. When used in conjunction with Whitmore's Surtac® 2000 HD on the cam bearings, lubricant consumption is greatly reduced and housekeeping improved.

Extreme temperatures are not a problem for WhitSlide® due to its wide operating range. Although pumping systems vary due to their configuration and condition, WhitSlide Light can be applied at -45°F (-43°C).

WhitSlide® meets the new EPA Toxicity Characteristics Leaching Procedure (TCLP) and is characterized as TCLP-SAFE. This reduces disposal cost and excludes it from the stringent requirements under the EPA Hazardous Waste Law.

BENEFITS:

- TCLP-SAFE - passes EPA Toxicity Characteristic Leaching Procedure, which reduces disposal costs.
- EXTENDS SLIDE LIFE - contains a synergistic blend of extreme pressure and anti-wear additives which assure optimum lubrication in the presence of severe loading conditions.
- PUMPS EASILY IN COLD WEATHER - removes operating concerns which are commonly associated with low temperature operation.

APPLICATIONS:

Whitmore's WhitSlide® is intended for use primarily on the walking mechanism slides on Bucyrus-Erie 2500 series draglines.

ASTM #		TYPICAL CHARACTERISTICS		
		Sub-Zero	Light	*Medium
D-2983	Viscosity (Brookfield Viscometer) Spindle 5 @ 5 rpm @ 50°F (10°C), cps	N/A	N/A	60,000
D-3161	Saybolt Viscosity			
	SUS @ 100°F	2,846	2,850	N/A
	SUS @ 210°F	246	261	N/A
Gardner Method	Density, lb/gal @ 60°F (15.5°C)	7.45	7.57	8.00
	Specific Gravity, g/cc @ 60°F (15.5°C)	0.895	0.909	0.961
D92	Flash Point, °F (°C) Cleveland Open Cup (Base Oils)	>230 (>110)	>300 (>149)	>230 (>110)
D-2782 (Modified)	Timken Wear Test, mm	4.5	3.8	N/A
D-2509 (Modified)	Timken Wear Test, mm	N/A	N/A	2.1
D-2783	Four Ball EP, Weld Point, kg	315	400	N/A
D-2596	Four Ball EP, Weld Point, kg	N/A	N/A	400
D-4172	Four Ball Wear, Scar Width, mm	0.50	0.60	N/A
D-2266	Four Ball Wear, Scar Width, mm	N/A	N/A	0.50
D-130	Copper Strip Corrosion	1B	1B	N/A
	212°F (100°C) @ 3 hr			
D-4048 (Modified)	Copper Strip Corrosion	N/A	N/A	1B
	212°F (100°C) @ 3 hr			
OEM Standard	Low Temperature Pumpability			
	Lincoln Ventmeter @ 400 psi, °F (°C)	-45 (-43)	-20 (-29)	14 (-10)
	Farval @ 2,000 psi, °F (°C)	-55 (-48)	-30 (-34)	4 (-16)

* The WhitSlide® Medium product is rated as a semi-fluid and constitutes different test parameters.

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

Shuttle Tanks	Drums	Kegs	Pails
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THE WHITMORE MANUFACTURING COMPANY

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 Performance Under Pressure Since 1893

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