

## SURTAC® 2000 MULTISERVICE LUBRICANT

Whitmore's Surtac 2000 is a "multiservice" lubricant for use on Draglines. Surtac 2000 forms a protective coating on metal without the use of asphalt, solvents or lead.

Surtac 2000 has won the confidence of both end users and OEMs. It has a well-established record on some of the most highly loaded and expensive open gear applications.

Surtac 2000 contains graphite and MoS<sub>2</sub> (molybdenum disulfide). With the help of some specialized chemistry these solid lubricants bond with the metal surface. They form a dense gray-colored film, which minimizes metal-to-metal contact and wear. Using Surtac 2000, lubricant consumption is reduced by about 50% compared to asphaltic fluids.

Many slow-moving bearings and bushings can benefit from the use of Surtac 2000, allowing lubricant inventories to be reduced.

Your Whitmore Distributor can work with you to minimize consumption, with maximum component protection.

Surtac 2000 aerosol: Store aerosol cans at room temperature. Shake well before spraying.

### BENEFITS:

- **LOWERS OPERATING TEMPERATURES** - extends gear life, reduces operating expenses.
- **MULTISERVICE LUBRICANT** - may be used on open gears, many bearings, bushings and some enclosed gears. Does not damage seals or packing materials used in pumping systems and injectors.
- **PUMPABILITY** - in many climates, a single grade can be used year-round. Consult Whitmore or Whitmore Distributor in selecting a suitable grade.
- **HIGH TEMPERATURE STABILITY** – the non-melt bentonite thickener ensures good performance on high-temperature gears, for example Kiln open gears.

### APPLICATIONS:

Surtac 2000 series is ideal for exposed parts on mining equipment such as swing racks, house rails and rollers, wire ropes, and drum laggings. It is suitable for many heavily loaded bushings including bushings on pneumatic hammers. Can be used in large heavily loaded bearings operating at or below a speed factor of 150,000 DN.

Surtac 2000 grade is suitable for use on sealed pins and bushings of crawler tracks.

ASTM #	Product Grade	TYPICAL CHARACTERISTICS			
		Surtac 2000	Surtac 2000 RD	Surtac 2000 HD	Surtac 2000 XD
	<b>NLGI Grade</b> (Approximate) (Products QC'd based on Brookfield Viscosity)	<000	000	00	0
<b>D-445</b>	<b>Kinematic Viscosity</b> , Base Oil without Diluent cSr @ 40°C cSt @ 100°C	48,000 380	48,000 380	48,000 380	48,000 380
<b>Gardner Method</b>	<b>Density</b> , lb/gal @ 60°F (15.5°C) <b>Specific Gravity</b> , g/cc @ 60°F (15.5°C)	8.29 0.995	8.30 0.997	8.30 0.997	8.40 1.009
<b>D-92</b>	<b>Flash Point</b> , °F (°C) Cleveland Open Cup (Base Oils)	>230 (110)	>230 (110)	>230 (110)	>230 (110)
<b>D-2596</b>	<b>Four Ball EP</b> , Weld Point, kg	620	620	620	620
<b>D-4048 Modified</b>	<b>Copper Strip Corrosion</b> 212°F (100°C) @ 3 hr	1B	1B	1B	1B
<b>OEM Standard</b>	<b>Low Temperature Pumpability</b> Lincoln Ventmeter @ 400 psi, °F (°C)	-30 (-34)	-20 (-29)	15 (-9)	35 (2)

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

### PACKAGING

Plastic Totes (Non-returnable)	Drums	Kegs	Pails	Cartridges 50 per case
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For warranty information, scan the QR code.

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