WHITMORE'S

TECHNICAL DATA SHEET

VERSATAC™
STEEL MILL GREASE

Whitmore's Versatac™ is engineered to withstand the extreme conditions associated with steel mill operations. This versatile lubricant resists the heat, heavy loads, and high-pressure water spray commonly found in mills.

Wear protection is assured through a combination of high viscosity base oil with a synergistic extreme pressure additive package and synthetic polymer additives.

Versatac™ exhibits excellent mechanical stability and retains its original consistency, even when worked for extended periods of time under varying loads and speeds.

Versatac™ reversibility allows for repeated heating and cooling cycles without substantial change in consistency.

Versatac™ resists water entry into the component. Should water enter, Versatac™ is able to withstand this contamination with minimal loss of lubrication and rust prevention. Also highly resistant to dust.

BENEFITS:

- EXTREME PRESSURE - protects against shock loads, welding and scoring.
- OPERATING RANGES - is easily pumpable in temperatures ranging from -15°F (-26°C) to 425°F (218°C).
- SEALS OUT DIRT AND CONTAMINANTS - forms a protective barrier to reduce wear and extend lubricant life.
- RESISTS WEAR - a synergistic anti-wear additive package assures maximum protection of components.

APPLICATIONS:

Coiler Mandrels, Rolling Mills, Melt Shops
Roll Out Tables, Roll Neck Bearings, Mill Stands
Centralized Lubrication Systems

ASTM #		TYPICAL CHARACTERISTICS	
	Grade	EP 1.5	EP 2
D-217	**Cone Penetration** (Worked)	285-315	260-290
D-2265	**Dropping Point**, °F (°C)	>480 (>249)	>480 (>249)
D-445	**Kinematic Viscosity** (Base Oils)		
	cSt @ 40°C	280	280
	cSt @ 100°C	18	18
D-2161	**Saybolt Viscosity** (Base Oils)		
	SUS @ 100°F	1500	1500
	SUS @ 210°F	92	92
D-2596	**Four Ball EP**		
	Weld Point, kg	400	400
	Load Wear Index	48	48
D-2266	**Four Ball Wear**		
	Scar Width, mm	0.67	0.67
D-4049	**Water Spray-Off**, % Loss	<30	<30
D-1264	**Water Washout**, % Loss	<10	<5
D-1263 (Modified)	**Wheel Bearing Leakage**, % Loss @ 325°F (160°C)	<20	<15
D-4048 (Modified)	**Copper Strip Corrosion for Greases** 212°F (100°C) @ 3 hrs	1B	1B
	Thickener Type	Aluminum Complex	Aluminum Complex
OEM Standard	**Low Temperature Pumpability**, Lincoln Ventmeter @ 400 psi °F (°C)	14 (-10)	20 (-7)
US Steel Mobility Test	**Grease Mobility**, 150 psi @ 0°F, /min	5.6	3.9

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

PACKAGING

Drums	Kegs	Cartridges 50 Per Case

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Performance Under Pressure Since 1893

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