



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	
		EP 1.5	EP 2
D-217	Grade	EP 1.5	EP 2
D-2265	Cone Penetration (Worked)	285-315	260-290
D-445	Dropping Point, °F (°C)	>480 (>249)	>480 (>249)
	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	Wheel Bearing Leakage, % Loss	<20	<15
(Modified)	@ 325°F (160°C)		
D-4048	Copper Strip Corrosion for Greases	1B	1B
(Modified)	212°F (100°C) @ 3 hrs		
OEM	Thickener Type	Aluminum Complex	Aluminum Complex
Standard	Low Temperature Pumpability,		
	Lincoln Ventmeter @ 400 psi °F (°C)	14 (-10)	20 (-7)
US Steel	Grease Mobility, 150 psi @ 0°F, /min	5.6	3.9
Mobility			
Test			

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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THE WHITMORE MANUFACTURING COMPANY

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 Performance Under Pressure Since 1893

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