



TECHNICAL DATA SHEET

LEGACY™ M

Nowhere is grease pumpability more important than on mining machines such as draglines and shovels. The lubrication lines are long, the temperature can drop to deep freeze conditions, and in many parts of the world the machines don't stop in cold weather.

Legacy™ M will pump to the boom point sheave bearing at -50 degrees F (-46°C). The thickener, synthetic oil and polymer in Legacy™ M have been selected with ease of pumping in mind, yet without sacrificing performance in summer conditions. For all but the hottest climates, this is an ideal high-performance multi-purpose grease.

Legacy™ M is highly water-resistant and suitable for use where low temperatures or water are present.

BENEFITS:

- **EXTREME PRESSURE** - additives and solid lubricants protect highly loaded bearings.
- **WATER-RESISTANT** - the aluminum complex thickener makes the grease water-resistant.
- **LOW TEMPERATURE** - can be pumped at temperatures down to -50°F (-46°C)
- **COMPATIBILITY** - suitable for use in equipment where Whitmore's SurStik® open gear lubricant is used. Incidental contact will not wash the coating from the gears.

APPLICATIONS:

Legacy™ M has been designed for use on mining equipment where low temperature pumpability is important. It is also suitable for use in high speed bearings up to DN speed 500,000.

ASTM		TYPICAL CHARACTERISTICS
	Grade	1
D-217	Cone Penetration (Worked)	335-365
D-2265	Dropping Point, °F (°C)	>480 (249)
D-445	Kinematic Viscosity	
	cSt @ 40°C	108
	cSt @ 100°C	17
D-2161	Saybolt Viscosity	
	SUS @ 100°F	548
	SUS @ 210°F	88
D-2270	Viscosity Index	172
Gardner Method	Density, lb/gal @ 60°F (15.5°C)	7.08
	Specific Gravity, g/cc @ 60°F (15.5°C)	0.850
D-2596	Four Ball EP	
	Weld Point, kg	315
D-2266	Four Ball Wear	
	Scar Width, mm	0.50
D-1743	Rust Test	Pass
D-4048 (Modified)	Copper Strip Corrosion for Greases	
	212°F (100°C) @ 3 hrs	1B
	Thickener Type	Aluminum Complex
OEM Standard	Low Temperature Pumpability	
	Lincoln Ventmeter @ 400 psi, °F (°C)	-50 (-46)
	Texture	Smooth, Buttery
	Color	Dark Gray

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

PACKAGING

Shuttle Tanks

THE WHITMORE MANUFACTURING COMPANY

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