



# TECHNICAL DATA SHEET

## LEGACY™ EP

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™ EP will pump to the boom point sheave bearing in the bitterest winter conditions. The thickener, synthetic oil and polymer in Legacy™ EP have been selected with ease of pumping in mind, yet without sacrificing performance in summer conditions. This is an ideal high-performance multi-purpose grease.

Legacy™ EP is also highly recommended for use in electric motor bearings that are subjected to widely varying temperatures, especially low temperatures.

### BENEFITS:

- **EXTREME PRESSURE** - additives protect highly loaded bearings.
- **WATER-RESISTANT** - the aluminum complex thickener makes the grease water-resistant.
- **LOW TEMPERATURE** - can be used at temperatures down to -45°F (-43°C)
- **COMPATIBILITY** - suitable for use in equipment where Whitmore's SurStik® or SurStik® 800 open gear lubricant is used. Incidental contact will not wash the coating from the gears.

### APPLICATIONS:

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

ASTM		TYPICAL CHARACTERISTICS	
	Grade	1	2
D-217	Cone Penetration (Worked)	335-365	290-320
D-2265	Dropping Point, °F (°C)	>480 (249)	>480 (249)
D-445	Kinematic Viscosity cSt @ 40°C cSt @ 100°C	108 17	108 17
D-2270	Viscosity Index (base oil)	172	172
Gardner Method	Density, lb/gal @ 60°F (15.5°C) Specific Gravity, g/cc @ 60°F (15.5°C)	7.08 0.850	7.09 0.851
D-2596	Four Ball EP Weld Point, kg	315	315
D-2266	Four Ball Wear Scar Width, mm	0.50	0.50
D-1743	Rust Test	Pass	Pass
D-4048 (Modified)	Copper Strip Corrosion for Greases 212°F (100°C) @ 3 hrs	1B	1B
	Thickener Type	Aluminum Complex	Aluminum Complex
	Usable Temperature Range, °F (°C)	-45 (-43) to 330 (166)	-25 (-32) to 330 (166)
	Texture	Smooth, Buttery	Smooth, Buttery

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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