



TECHNICAL DATA SHEET

CALIBER™ BLUE HEAVY DUTY GREASE

Whitmore's Caliber™ Blue is primarily designed for use in heavy earthmoving equipment. The high protection from extreme pressure makes it suitable for use anywhere severe load is encountered.

The high viscosity base oil assures a robust lubricating film under high load and shock load.

Protection from wear and high load is accomplished by selected additives that enhance film strength and adhesive properties.

The usable temperature range for Caliber™ Blue is from 0°F (-18°F) to 230°F (104°C).

BENEFITS:

- **VERSATILE FORMULATION** - one grease can cover all normal ambient temperature applications in the slow to medium speed range.
- **EXTREME PRESSURE/ANTI-WEAR** - protects against scoring, high shock load conditions, thus reducing downtime and costs of replacement parts.
- **SAFE** – contains no heavy metals or hazardous ingredients.

APPLICATIONS:

Caliber™ Blue grease is ideal for heavy-duty plant lubrication, earthmoving equipment and any application involving extreme pressure. Suitable for use in all central lubrication systems. The high viscosity base oil in Caliber™ Blue makes it unsuitable for most high-speed bearings over DN speed of 100,000.

ASTM #	Grade	TYPICAL CHARACTERISTICS		
		EP 0	EP 1	EP 2
D-217	Cone Penetration (Worked)	355-385	310-340	265-295
D-2265	Dropping Point , °F (°C)	380 (193)	380 (193)	380 (193)
D-445	Kinematic Viscosity (with Polymer)			
	cSt @ 40°C	800	800	800
	cSt @ 100°C	61	61	61
D-2270	Viscosity Index	140	140	140
Gardner	Density , lb/gal @ 60°F (15.5°C)	7.73	7.74	7.75
Method	Specific Gravity , g/cc @ 60°F (15.5°C)	0.929	0.930	0.931
D-2596	Four Ball EP			
	Weld Point, kg	620	620	620
D-2266	Four Ball Wear			
	Scar Width, mm	0.65	0.65	0.65
D-1264	Water Washout , % Loss	Not Applicable	7.3	3.6
D-1743	Rust Test	Pass	Pass	Pass
OEM	Low Temperature Pumpability			
Standard	Lincoln Ventmeter @ 400 psi, °F (°C)	NA	NA	50 (10)
	Thickener Type	Lithium - Calcium	Lithium - Calcium	Lithium - Calcium
	Color	Blue	Blue	Blue

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

PACKAGING

Drums	Kegs	Pails	Cartridges 50 Per Case
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THE WHITMORE MANUFACTURING COMPANY

930 Whitmore Drive • P.O. Box 9300 • Rockwall, Texas 75087 • USA • (972) 771-1000 • Fax: (972) 722-2108
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