



# TECHNICAL DATA SHEET

## CALIBER™ BLUE HS HEAVY DUTY GREASE

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

Protection from wear under high load is accomplished by the use of SL-Tech™, a proprietary blend of light-colored solid lubricants. This forms a protective cushion and provides greater extreme pressure properties than MoS<sub>2</sub> or graphite. Protection is further enhanced by the use of selected additives that increase film strength and adhesive.

### 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 HS grease is ideal for heavy-duty plant lubrication, earthmoving equipment and applications involving extreme pressure.

For the most severely loaded applications such as bearings on vertical roller mills, pelletizing mills or shaker screens, use Whitmore's Matrix™ EP 2.

ASTM #	NLGI Grade	TYPICAL CHARACTERISTICS					
		000	00	0	1	2	3
D-2265	Dropping Point, °F (°C)	--	--	--	404 (207)	404 (207)	404 (207)
D-445	Kinematic Viscosity (with Polymer) cSt @ 40°C cSt @ 100°C	100.0 12.0	100.0 12.0	100.0 12.0	100.0 12.0	193.0 13.0	193.0 13.0
D-2596	Four Ball EP Weld Point, kg	400	400	500	500	500	620
D-2266	Four Ball Wear Scar Width, mm	0.50	0.50	0.50	0.43	0.43	0.43
D-1264	Water Washout, % Loss	N/A	N/A	N/A	5 - 8	<5	<5
D-1743	Rust Test	Pass	Pass	Pass	Pass	Pass	Pass
	Usable Temperature Range, °F °C	-45 to 20 -43 to -6	-40 to 30 -40 to 0	-35 to 60 -37 to 16	0 to 230 -18 to 110	10 to 230 -12 to 110	--
	Thickener Type	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium
	Color	Blue	Blue	Blue	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

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