

## WBL-52 DRY FILM LUBRICANT

Whitmore's WBL-52 Dry Film Lubricant consists of fine graphite particles suspended in water.

WBL-52 is used in heavy industrial applications where high temperatures rule out conventional oil or solvent-based products.

### BENEFITS:

- EXCELLENT WETTING ABILITY - on metal surfaces.
- GRAPHITE PARTICLE SIZE - 1-2 microns. Does not interfere with surface of material being produced.
- ECONOMICAL - dilute with water as required.
- STABLE CONCENTRATE - minimal separation before dilution. After dilution, moderate agitation is beneficial.
- EASY APPLICATION - can be sprayed, brushed, or dipped.
- NONFLAMMABLE AND NON-COMBUSTIBLE..

### APPLICATIONS:

- Forging of non-ferrous metals
- Aluminum die casting and extrusion including lubrication of dies and dummy blocks.
- Permanent mild chill and sand core coating.
- Wire drawing.
- Ingot and billet mold coating.
- Fabric and asbestos belt coating.
- Stop-off and anti-weld coating.
- Coating for glass forming tools.
- Lubrication of kiln "skin."

Caution: If WBL-52 is allowed to freeze the solid lubricants will drop out of suspension.

ASTM #		TYPICAL CHARACTERISTICS
Gardner Method	Density, lb/gal @ 60°F (15.5°C)	9.00
	Specific Gravity, g/cc @ 60°F (15.5°C)	1.080
D-92	Flash Point, °F (°C) Cleveland Open Cup	N/A
	Graphite Particle Sizes	1-2 Microns
	Solid Content, %	21
	Carrier	Water
	Appearance	Black
	Freeze Point, °F (°C)	32 (0)

*The above are average values. A single test result may vary slightly without affecting performance.*

### RECOMMENDED DILUTION

Initial dilution (1:10), further dilute with water for maximum effectiveness and economy.

### PACKAGING

Pails

For warranty information, scan the QR code.  
You can also email us at [sales@whitmores.com](mailto:sales@whitmores.com)  
Or write to the Sales Department at the address below.

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