



# TECHNICAL DATA SHEET

## 5090B APPLIANCE LUBRICANT NONTOXIC GREASE

Whitmore's 5090B Appliance Lubricant is a colorless, nontoxic grease designed for use where incidental contact with the skin or with food is possible. It is highly resistant to water and most cleaners.

Whitmore's 5090B Appliance Lubricant contains no solids or substances that might cause staining. The high viscosity base oil provides excellent film strength. The gelling agent used creates a highly stable, nondrip grease at elevated temperatures.

Whitmore's 5090B Appliance Lubricant is a true multipurpose grease that is compatible with plastics, elastomers, and other components normally found in toys, vehicles, and appliances.

This lubricant should not be used in highly loaded equipment (steel mills, mining, etc.) or at temperatures consistently above 350°F (177°C).

### BENEFITS:

- WATER-RESISTANT - remains in place when the appliance is washed.
- SMOOTH CONSISTENCY - extremely adherent to metal, yet it does not attract dust.
- CORROSION INHIBITED - protects metal parts from rust.
- COLOR - colorless, slightly opaque, will not cause staining.
- NONDRIP - will not drip when exposed to temperatures up to 350°F (177°C).

### APPLICATIONS:

- Vehicle doors, sliding doors, plastics, toys, and appliances (except oven doors).
- Where a nonstaining or food grade product is required.
- Where product appearance is important.
- Where long product life is advantageous.

ASTM #		TYPICAL CHARACTERISTICS	
	<b>Grade</b>	2.5	3
<b>D-217</b>	<b>Cone Penetration (Worked)</b>	240-270	220-250
<b>D-2265</b>	<b>Dropping Point, °F (°C)</b>	475 (246)	475 (246)
<b>D-445</b>	<b>Kinematic Viscosity (Base Oil)</b> cSt @ 40°C cSt @ 100°C	160 14	160 14
<b>D-2161</b>	<b>Saybolt Viscosity (Base Oil)</b> SUS @ 100°F SUS @ 210°F	800 75	800 75
<b>D-2596</b>	<b>Four Ball EP</b> Weld Point, kg	250	250
<b>D-2266</b>	<b>Four Ball Wear</b> Scar Width, mm	0.60	0.60
<b>D-4049</b>	<b>Water Spray-Off, % Loss</b>	17	14
<b>D-1264</b>	<b>Water Washout, % Loss</b>	2.5	2.0
<b>D-1743</b>	<b>Rust Test</b>	Pass	Pass
<b>D-4048 (Modified)</b>	<b>Copper Strip Corrosion for Greases</b> 212°F (100°C) @ 3 hrs	1A	1A

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

### PACKAGING

Pails

### THE WHITMORE MANUFACTURING COMPANY

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