



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

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

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

An ISO 9001, ISO/TS 16949, and ISO 14001 Registered Company • <http://www.whitmores.com>

Performance Under Pressure Since 1893

LIMITED WARRANTY: The Whitmore Manufacturing Company makes the Limited Express Warranty that at the date of delivery, its goods shall be free from defects in Whitmore's materials and workmanship and shall meet the express written statements of quality, if any, made by Whitmore in connection with the sale of the goods. Other than such Limited Express Warranty, there are no express warranties made with respect to the sale of goods and all implied warranties existing under the law are expressly disclaimed and negated, particularly, Whitmore NEGATES AND DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. All other liability, either in contract or tort, including without limitation, strict liability found in Section 402A of the Restatement of Torts or otherwise, is negated and disclaimed. The sole remedy for Whitmore's breach of such Limited Express Warranty shall be a refund of the purchase price of its goods, and Whitmore shall have no responsibility for incidental or consequential damages sustained as a result of the use of the goods, whether sustained to the goods themselves or to other property. Data listed are subject to usual manufacturing variations.