



AV01269



AV01722

Dow Corning® White EP Bearing Grease

The Number-One
Choice When
“Clean” Really
Counts in Grease.

Dow Corning® White EP Bearing Grease¹ is a high-performance grease with a mineral oil base. It is thickened with an aluminum complex and contains white solid lubricants. Designed as a clean, food-grade alternative to common black greases, *Dow Corning* White EP Bearing Grease offers high performance and high-load capability.

To Learn More ...

For more information about *Dow Corning* White EP Bearing Grease, contact your Dow Corning representative. Or call (517) 496-6000.

¹Formerly *Dow Corning*® Food Grade Grease.

Features

- Clean, white appearance
- High-performance capability
- Excellent lubricating properties
- Good resistance to water washout
- High load-carrying capacity
- Meets FDA Regulation 21 CFR 178.3570 and USDA H1 classifications for incidental food contact

Applications

Dow Corning White EP Bearing Grease can be used to lubricate bearings, gears, chains and sliding mechanisms in process machinery, in canneries, dairies, beverage plants, meat processing plants and pharmaceutical plants. It is an excellent choice for operations where products must be manufactured, packaged or transported without black material contamination. *Dow Corning* White EP Bearing Grease is appropriate for low-to-high loads, moderate-to-high temperatures and moderate-to-high speed applications.

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How To Use

Dow Corning White EP Bearing Grease can be applied by hand packing, hand-operated grease guns, automatic greasing equipment and central lubricating systems. When lubricating antifriction bearings, follow the bearing manufacturer's instructions. When lubricating plain bearings, the new grease should be pumped in until all of the old grease has been expelled.

Use Limitations

Dow Corning White EP Bearing Grease may not be appropriate for lubrication under exceptionally severe operating conditions, or where chemical influences or temperature extremes are likely.

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Storage/Useable Life

When stored at or below 90°F (32°C), *Dow Corning* White EP Bearing Grease has a useable life of 60 months from date of manufacture by Dow Corning.

Available Packaging

Dow Corning White EP Bearing Grease is available in 0.525-oz (15-g) pillow packs, 14.1-oz (400-g) cartridges, 35-lb (15.9-kg) pails, and 120- and 400-lb (54.4- and 181.4-kg) drums.

Typical Properties

These values are not intended for use in preparing specifications.

	Color	White
	Base Oil	Mineral oil
	Base Oil Viscosity/SUS at 100°F (38°C)	490
	Solid Lubricant Content, percent	5
	Thickener	Aluminum complex
ASTM D 217	Penetration, worked 60	280
	Consistency, NLGI	#2
	Operating Temperature Range ¹ , °F (°C)	0 to 300 (-17 to 149)
Fed Std 791	Bleed at 212°F (100°C), percent	1.4
Fed Std 791	Evaporation at 212°F (100°C), percent	1.4
ASTM D 2266	4 Ball Wear Scar, 1200 rpm, 1 hour at 167°F (75°C), mm	0.64
ASTM D 2596	4 Ball Weld Load, N	1300
	Estimated Maximum Dn Value	200,000
ASTM D 2265	Dropping Point, °F (°C)	518 (270)

¹Estimated service temperature range based on product formulation and laboratory testing. Actual service temperature range is dependent on other factors including the specific application environment.

Specification Writers: Please obtain a copy of the Dow Corning Sales Specification for this product and use it as a basis for your specifications. It may be obtained from any Dow Corning Sales Office, or from Dow Corning Customer Service in Midland, MI. Call (517) 496-6000.

SAFE HANDLING INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM YOUR DOW CORNING REPRESENTATIVE, OR DISTRIBUTOR, OR BY WRITING TO DOW CORNING CUSTOMER SERVICE, OR BY CALLING (517) 496-6000.

LIMITED WARRANTY - PLEASE READ CAREFULLY

Dow Corning believes that the information in this publication is an accurate description of the typical characteristics and/or uses of the product or products, but it is your responsibility to thoroughly test the product in your specific application to determine its performance, efficacy and safety. Suggestions of uses should not be taken as inducements to infringe any particular patent.

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