



# TECHNICAL DATA SHEET

## MEDALLION™ FM GREASE

NSF Registered for H-1/Kosher Approved

Medallion™ FM Grease is a premium quality lubricant which provides excellent protection from wear. It is registered with NSF as an H-1 grease. This makes it suitable for use in food processing plants where incidental contact with food is possible.

Medallion™ FM Grease is highly water-resistant, minimizing loss of lubricant that sometimes occurs when machines are washed.

Medallion™ FM Grease contains antiwear additives to protect metal surfaces from wear under conditions of metal-to-metal contact. Medallion™ FM Grease is adhesive (sticks to metal) and cohesive (sticks to itself). As a result it resists pounding out of bearings and bushings when shock loads are encountered.

Medallion™ FM Grease is produced under the supervision of VA'AD HAKASHRUS of Dallas, Inc. doing business as Dallas Kosher and is considered Kosher-Pareve for year-round use including during Passover.

Contains an NSF-approved preservative that limits the growth of bacteria.

### BENEFITS:

- RESISTS POUND-OUT - provides extra protection and reduces consumption.
- WATER RESISTANT - superior capability to stay in place even during frequent wash downs.
- WIDE TEMPERATURE OPERATING RANGE - can be used down to -25°F (-32°C) and up to 300°F (155°C) with daily re-greasing.

### APPLICATIONS:

Medallion™ FM Grease is very versatile and may be used to lubricate bearings, bushings, slides, rollers and cam followers. Medallion™ FM Grease can also be used as an antitrust film and as a release agent for gaskets and seals. It is available in Grades 0, 1, and 2 and can be applied manually or automatically. Medallion™ FM Grease is able to withstand the effects of steam as well as harsh temperature extremes. NLGI Grades 1 and 2 are packaged in convenient cartridges for manual application.

ASTM #		TYPICAL CHARACTERISTICS		
	<b>Grade</b>	0	1	2
	<b>NSF Registration</b>	H-1	H-1	H-1
<b>D-217</b>	<b>Cone Penetration (Worked)</b>	355-385	310-340	265-295
<b>D-2265</b>	<b>Dropping Point, °F (°C)</b>	>480 (>249)	>480 (>249)	>480 (>249)
<b>D-445</b>	<b>Kinematic Viscosity (Base Oil)</b> cSt @ 40°C cSt @ 100°C	142 14	142 14	142 14
<b>D-2161</b>	<b>Saybolt Viscosity (Base Oil with Polymer)</b> SUS @ 100°F SUS @ 210°F	752 74.2	752 74.2	752 74.2
<b>D-2266</b>	<b>Four Ball Wear, Scar Width, mm</b>	0.60	0.60	0.60
<b>D-1264</b>	<b>Water Washout, % Loss</b>	N/A	<10	<5
<b>D-4048</b>	<b>Copper Strip Corrosion for Greases</b> 212°F (100°C) 24 hrs	1B	1B	1B
	<b>Thickener Type</b>	Aluminum Complex	Aluminum Complex	Aluminum Complex
<b>OEM Standard</b>	<b>Low Temperature Pumpability</b> Lincoln Ventmeter @ 400 psi, °F (°C)	-10 (-23)	10 (-12)	15 (-9)
	<b>Color</b>	White	White	White
	<b>Operating Range in Bearings, °F (°C)</b>	-25 (-32) to 60 (15)	-5 (-20) to 100 (38)	0 (-18) to 300 (150)

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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