



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 pumped from 0°F (-18°C) to 350°F (175°C).

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		
		0	1	2
	Grade	0	1	2
	NSF Registration	H-1	H-1	H-1
D-217	Cone Penetration (Worked)	355-385	310-340	265-295
D-2265	Dropping Point, °F (°C)	>480 (>249)	>480 (>249)	>480 (>249)
D-445	Kinematic Viscosity (Base Oil)			
	cSt @ 40°C	142	142	142
	cSt @ 100°C	14	14	14
D-2161	Saybolt Viscosity (Base Oil with Polymer)			
	SUS @ 100°F	752	752	752
	SUS @ 210°F	74.2	74.2	74.2
D-2266	Four Ball Wear, Scar Width, mm	0.70	0.70	0.70
D-1264	Water Washout, % Loss	N/A	<10	<5
D-4048	Copper Strip Corrosion for Greases	1B	1B	1B
	212°F (100°C) 24 hrs			
	Thickener Type	Aluminum Complex	Aluminum Complex	Aluminum Complex
OEM Standard	Low Temperature Pumpability			
	Lincoln Ventmeter @ 400 psi, °F (°C)	0 (-18)	10 (-12)	15 (-9)
	Color	White	White	White
	Operating Range, °F (°C)	0 (-18) to 380 (193)	10 (-12) to 380 (193)	15 (-9) to (380 (193)

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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