

SILICONE COMPOUND DM™

Moisture Proofing Sealant & Lubricant



TECHNICAL DATA SHEET

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DESCRIPTION

JET-LUBE's **SILICONE COMPOUND DM™** is a premium silicone compound for use in a wide variety of applications. Its low volatility, non-melting thickener and high dielectric strength make it the compound of choice for moisture proofing ignition systems, spark plug connections, electrical assemblies, cable and battery terminals and other similar applications.

In the higher NLGI Grades, **SILICONE COMPOUND DM** provides excellent lubrication and sealing properties for plug and gate valves, stuffing boxes, o-rings, vacuum and pressure systems. The low volatility and inert properties allow it to be used on a wide range of elastomers and plastics. It is not recommended for use on surfaces to be painted.

CHARACTERISTICS

- NSF H-1 Registration #132225 (DM-2)
- Excellent for high temperature bearings, conveyor systems, and low temperature refrigeration systems
- Water resistant
- Nontoxic/Safe
- Wide temperature range
- Extremely chemical resistant
- Translucent paste
- Highly resistant to oxidation and shear breakdown
- Suitable for valve lubrication
- Dielectric Strength: 500 volts/mil, typical
- Conforms to: MIL C-21567A (DM-2)
MIL S-8660C (DM-3)

OPERATING RANGE

-57°C to 204°C (-70°F to 400°F)

PRODUCT SPECIFICATIONS

Thickener	Inorganic
Fluid Type	Silicone
Color/Appearance	Translucent to Opaque Gel/Paste
Dropping Point (ASTM D-566)	Not Determined
Specific Gravity, Typical	1.06
Density (kg/liter), Typical	1.06
Flash Point (ASTM D-92), Typical	>260°C (500°F)
Autoignition Point (Calculated)	>315°C (600°F)
NLGI Grade	2
Penetration @ 25°C (77°F) (ASTM D-217)	265 - 295
Copper Strip Corrosion (ASTM D-4048)	1A
Oil Separation, Wt. % (24 hrs. @ 100°C)	< 1.0%
Dielectric Breakdown Voltage (ASTM D149), Typical	500 volts/mil

PACKAGING

Inventory Code	Container Size	Container
73560	5 oz.	Tube
73550	14 oz.	Cartridge
73505	1 Lb.	Can
73506	5 Lb.	Can
73522	10 Lb.	Pail
73516	35 Lb.	Pail
73524	120 Lb.	Keg
73529	400 Lb.	Drum

LIMITED WARRANTY

Jet-Lube of Canada makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube of Canada Ltd. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube of Canada Ltd.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube of Canada Ltd. shall not be liable for incidental or consequential damages.

