



# SILICONE COMPOUND DM™

## MOISTURE PROOFING SEALANT & LUBRICANT

### DESCRIPTION

JET-LUBE's SILICONE COMPOUND DM™ 2 & 3 are premium silicone compounds 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.

SILICONE COMPOUND DM provides excellent lubrication and sealing properties for plug and gate valves, stuffing boxes, o-rings, and vacuum and pressure systems. The low volatility and inert properties allow it to be used on a wide range of elastomers and plastics and is ideally suited for subzero processing facilities and spiral freezer applications. It is not recommended for use on surfaces to be painted.

- NSF H-1 Registered #132225 (DM-3), #132225 (DM-2)
- Excellent for high temperature bearings, conveyor systems, and low-temp refrigeration systems.
- Water resistant
- Nontoxic/Safe
- Wide temperature range
- Chemical resistant
- Translucent paste
- Highly resistant to oxidation and shear breakdown
- Suitable for valve lubrication
- Dielectric strength: > 500 volts/mil typical
- Conforms to: SAE AS8660 (DM-3)  
MIL C-21567A (DM-2)
- NATO Code #S-736

NOTE: Standard Grade is NLGI 3

### PRODUCT CHARACTERISTICS

Thickener	Inorganic
Color/Appearance	White translucent gel
Specific Gravity	1.05
Penetration	220 - 250
Oil Separation, Wt. % (24 hrs. @ 100°C)	<1.0%
Temperature Range	-50°F (-46°C) to 400°F (204°C)
Dielectric Strength (ASTM D149, 1.27mm gap)	15.54 kV/mil
Dielectric Constant @ 100 Hz	2.8
Dissipation Factor @ 100 Hz (ASTM D150)	0.0000933
Volume Resistivity @ 23 °C (ASTM D257)	1.59 x 10 <sup>17</sup> ohm-cm

For package types and part numbers  
contact [sales@jetlube.com](mailto:sales@jetlube.com)

### LIMITED WARRANTY

For warranty information please visit  
[http://www.jetlube.com/pdf/Jet-Lube\\_Warranty.pdf](http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf)

You can also email us at [sales@jetlube.com](mailto:sales@jetlube.com) or write  
to the Sales Department at the address below.