

# **JET-LUBE<sup>®</sup> SILICONE COMPOUND DM-3<sup>™</sup>**

## **MOISTURE PROOFING SEALANT & LUBRICANT**

### **DESCRIPTION**

**JET-LUBE SILICONE COMPOUND DM-3** 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.

**JET-LUBE SILICONE COMPOUND DM-3** 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
- Excellent for high temperature bearings, conveyor systems, and low-temp refrigeration systems.
- Water resistant
- Non-toxic/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)
- NATO Code #S-736

### **PRODUCT CHARACTERISTICS**

Thickener	Inorganic
Color/Appearance	White translucent gel
Specific Gravity	1.05
NLGI Grade	2-3
Penetration	220 - 295
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)