

NOVAGARD[®] SILICONES

Versilube[®] G322L[™] Specification Data

DESCRIPTION

Versilube[®] G322L is a soap-thickened grease based upon methylalkyl polysiloxane fluids. In addition to offering higher load carrying capabilities, surfaces may be cleaned more effectively to improve soldering and paintability.

APPLICATIONS

This product is designed for use as a lubricant on aluminum and steel substrates. Versilube G322L contains additives for enhanced corrosion protection. An ideal product for lubricating and protecting linkages, bushings, bearings, lock hinges, engine components and other mechanisms. G322L is safe to use on a variety of plastics, metals, glass and painted surfaces.

RESTRICTIONS

Do not use in or around highly oxidative chemicals such as liquid oxygen, chlorine or peroxides.

AVAILABILITY

Versilube G322L is available in 5.3 ounce tubes, 1-gallon pails, 5-gallon pails, and 55-gallon drums.

STORAGE

Versilube G322L has a shelf-life of eighteen (18) months from the date of manufacture when stored in the original, unopened container at, or below, 100°F. Upon prolonged storage, it is normal for a small amount of fluid bleed to appear on the surface of the grease. This condition is not detrimental to the performance and the fluid is simply mixed back into the suspension.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Yellow paste
Penetration (worked 60X)	ASTM D 217	270-330
Bleed	150°C / 24 hours	15.0 % maximum
Evaporation	150°C / 24 hours	3.0 % maximum

PRECAUTIONS

Silicone greases may be cleaned with non-polar solvents such as toluene, hexane and mineral spirits. Whenever using solvents be certain to observe all proper, safety precautions.

Versilube[®] greases are not recommended for use on bearings with a D/N ratio exceeding 200,000. D/N ratios are calculated by multiplying the diameter (mm) times the bearing speed (rpm).

Consult and obey all applicable local, state and federal regulations for disposal of solvent and silicone waste. This product contains hexavalent chromium compounds, which are listed as chemical carcinogens. For additional information consult product M.S.D.S. Consider using Versilube[®] G326 as an alternate if chromium compounds are not desired.

ADDITIONAL INFORMATION

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product; however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy and safety.

TYPICAL PROPERTIES*

Physical Property	Test Method	Performance Range
Dropping Point	ASTM D 566	190°C (375°F) minimum
Specific Gravity		0.90 - 0.95
Water Washout	ASTM D 1264	3.0 % maximum
Oxygen Stability	150°C / 50 hours	5 psi drop maximum
Corrosion	Copper substrate	No effect

*The values outlined reflect testing that was conducted on laboratory prepared specimens, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

Novagard **Solutions**[™]

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Form Name
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