

Versilube® G322L

Specification Data



DESCRIPTION

Versilube G322L from Novagard 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. It is an ideal product for lubricating and protecting linkages, bushings, bearings, lock hinges, engine components, and other mechanisms. Versilube 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 sixty (60) 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 D217	270 - 330
Bleed	150°C/24 hours	15.0% maximum
Evaporation	150°C/24 hours	3.0% maximum

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Dropping Point	ASTM D2265	190°C (375°F) minimum
Specific Gravity		0.90 - 0.95
Water Washout	ASTM D1264	3.0 % maximum
Oxygen Stability	ASTM D942 150°C/50 hours	5 psi drop maximum (34.47 kPa drop maximum)
Corrosion	Copper substrate	No effect
Operating Temperature		-55°C to 150°C

*The values outlined reflect testing that was conducted under laboratory conditions, 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.

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 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.