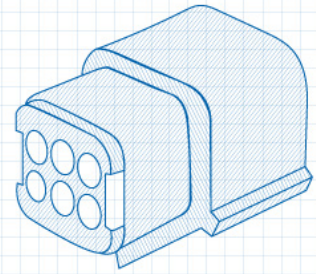


Grease for High Temperature Electrical Connectors







Rheotemp™ 768G

Formulated for advanced protection at high temperatures when compared to industry standard connector greases.

The number of electrical connectors and electronic circuits in devices such as cars, planes, appliances, industrial machinery, trucks or boats is continuously growing. Failure of these components, from short circuit to continuity loss, present a major concern as issues can vary from nuisance to increased warranty costs to critical safety problems. The constant exposure to moisture, corrosive environments, and vibration can also accelerate the failure or malfunction of connector components.



ADVANTAGES OF RHEOTEMP™ 768G




-  Extend reliability of connectors
-  Prevent corrosion
-  Prevent fretting wear
-  Seal & protect from environment
-  Reduce mating force
-  Insulate from short circuits

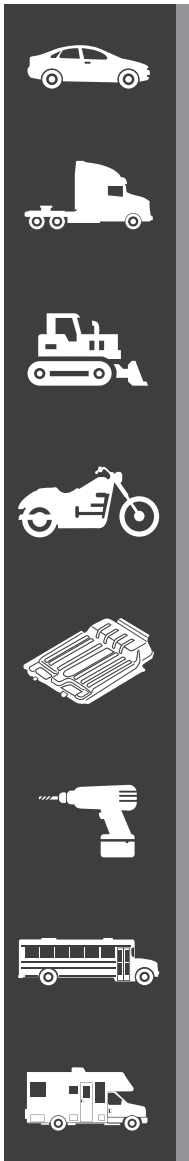
VALIDATED BY OEMS

Rheotemp™ 768G has been fully validated through a testing protocol jointly developed by USCAR (The United States Council for Automotive Research, LLC); North American automotive OEMs including GM, Aptiv, Ford, and Chrysler; and major Automotive Connector Suppliers - Delphi, TE Connectivity, and Yazaki.

PACKAGING OPTIONS

Nye greases are available in a variety of packaging sizes for both high-volume automated production dispensing and small-volume manual dispensing, such as field repair activities.

-  50 gram tubes
-  500 gram jars
-  35 lb pails
-  110lb kegs



TYPICAL PROPERTIES

Lubricant Properties	Conditions	Rheotemp™ 768G	Test Methods
Temperature Range	–	-40 to 175 °C	
Thickener	–	Polyurea	
Base Oil	–	PAO/AN	
Kinematic Viscosity	100 °C	22 cSt	ASTM D445
	40 °C	193 cSt	ASTM D445
Viscosity Index	–	138	ASTM D2270
Flash Point	–	286 °C	ASTM D92
Pour Point	–	-42 °C	ASTM D97
Color, Appearance	–	Light-Tan	
Penetration (1/10mm)	Unworked	295	ASTM D217
	Worked (60 X)	301	
NLGI Grade		1.5	ASTM D217
Density	25 °C	0.911 gm/cc	CTM*
Dropping Point	–	302 °C	ASTM D2265
Oil Separation	24 h, 100 °C	1.2%	ASTM D6184
Evaporation	24 h, 150 °C	0.2%	ASTM D972

*CTM: Nye Company Test Method

Since 1844: Our performance is reflected in the value we bring to our customers.

Nye Lubricants is a leader in the innovation, formulation and provision of synthetic lubricants, enabling and improving breakthrough products and critical new technologies. We bring proven experience, deep technical knowledge and customer focus to solve our customers' toughest challenges, adding tangible value to products in a wide range of industries and applications.

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