



Rheotemp™ 768G vs. Rheotemp™ 761G

A Polyurea thickened, medium viscosity, synthetic hydrocarbon grease for lubrication and protection of tin-lead electrical connectors. Benefits include high temperature performance and insertion force reduction.

REPLACEMENT OVERVIEW

Due to the discontinuance of a key component in the Rheotemp 761G formulation, Nye Lubricants can no longer continue its manufacture. As a result, significant time and effort has gone into the development of a direct replacement product to be used in all applications where 761G has been specified.

Nye Lubricants, Inc. is pleased to announce that we have formulated and commercialized Rheotemp 768G, which meets, and exceeds, the performance of 761G.

PACKAGING OPTIONS

Rheotemp 768G is available in all standard packaging options offered by Nye Lubricants. Depending on your dispensing method, Nye can provide 768G in syringes, cartridges, jars, tubes, pails, drums, etc.

If your application requires a specific container, please contact us for custom packaging.

VALIDATION

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, Ford, and Chrysler; and major Automotive Connector Suppliers - Delphi, TE Connectivity, and Yazaki.

TYPICAL PROPERTIES

Lubricant Properties	Rheotemp 768G	Rheotemp 761G	Test Methods	
Recommended Service Range (°C)	-40 to 175	-40 to 175		
Thickener	Polyurea	Polyurea		
Base Oil	PAO/AN	PAO/AN		
Kinematic Viscosity (100°C)	22	22	ASTM D-445	
Kinematic Viscosity (40°C)	193	193	ASTM D-445	
Viscosity Index	138	138	ASTM D-2270	
Flash Point (°C)	286	286	ASTM D-92	
Pour Point (°C)	-42	-42	ASTM D-97	
Color, Appearance	Tan, Smooth	Off-White, Smooth		
Penetration (1/10mm)	Unworked	257	260	ASTM D-217
	Worked (60 X)	277	300	ASTM D-217
	NLGI Grade	2	1-2	ASTM D-217
Density at 25°C (gm/cc)	0.911	0.9419	CTM-3	
Dropping Point (°C)	>260	>260	ASTM D-2265	
Oil Separation at 100°C (24 hrs.)	2.6%	0.79%	ASTM D-6184	
Evaporation at 150°C (24 hrs.)	0.3%	0.86%	ASTM D-972	

SAMPLES

Rheotemp 768G samples are now available for testing and re-qualification. To best serve your needs, all inquiries should be directed through your Nye Regional Engineering contact, or you may simply contact the nearest Nye Lubricants, Inc. Regional Engineering Office.