

Universal standard for dielectric grease specified by leading OEMs across many industries, with UV dye for validation.



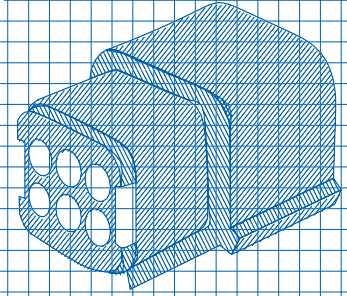
Dulub Co. Ltd.

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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 NYOGEL® 760G

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

#### Company

#### Specification

Ford	WSB-M1C239-A
GM	9986087, 12377900, 1645644
Chrysler	MS-9469, 04661991, 05013781AA
Daimler Truck, Freightliner	48-02439-002, 002V/YNA, CPP760G
Trane	D158216P01
Black & Decker	108694
Honeywell	0320-1002

### FRETTING WEAR

The Nye test monitors fretting cycles (micromotion) of terminals until resistance increases 100 milliohms over the static baseline, to predict the lifetime of terminals.



**760G**

6.7MM cycles



**UNLUBRICATED**

0.5MM cycles

Test Conditions: 2.8mm APEX Copper-Tin Terminals, 10Hz, 100 microns, 50% Failure Values

### COPPER CORROSION

The ASTM D-4048 is an accelerated test to indicate how a lubricant protects copper surfaces over time, using a 12 segment scale from 'Slightly Tarnished' (1a) to 'Very Tarnished' (4c).



**760G**

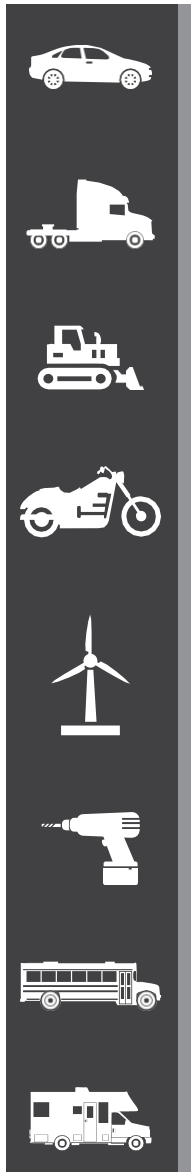
Slightly Tarnished (1a)



**UNLUBRICATED**

Dark Tarnish (3b)

Test Conditions: 100°C, 24 hours



## TYPICAL PROPERTIES

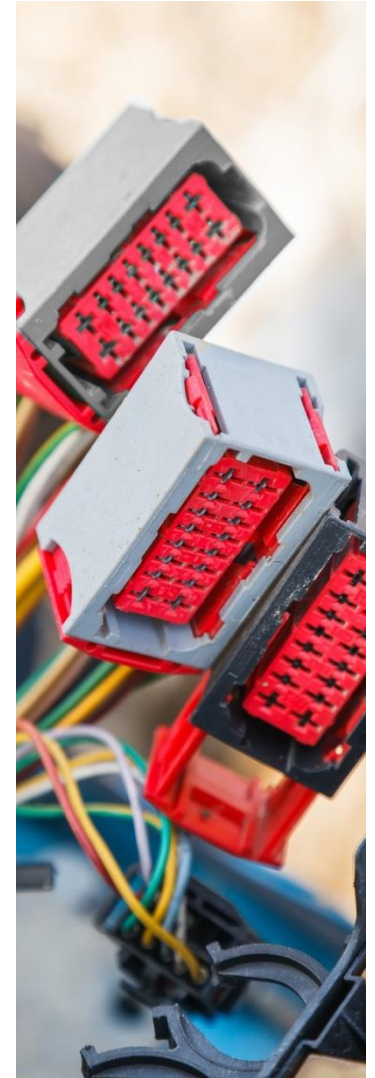
Base Oil Properties	Conditions	NyoGel® 760G	Test Method
Chemistry		Silica / PAO	
Temperature Range		-40 to 135°C	
Kinematic Viscosity	40°C	400 cSt	ASTM D-445
Viscosity Index		147.5	ASTM D-2270
<b>Grease Properties</b>			
NLGI Grade		2	
Oil Separation	24 hrs, 100°C	1.5%	ASTM D-6184
Evaporation	24 hrs, 100°C	0.3	NYE CTM
Water Washout	1hr, 80°C	2%	ASTM D-1264
Copper Corrosion	24 hrs, 150°C	1a, Slight Tarnish	ASTM D-4048
Salt Spray Resistance	750 hrs	No Corrosion	ASTM B117-18
Dielectric Breakdown Voltage		11.2 kV	NYE CTM

## PACKAGING OPTIONS

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

- 110 pound keg
- 30cc clear syringe
- 7 pound pail
- 100 gram tube

Please contact us at [orders@nyelubricants.com](mailto:orders@nyelubricants.com) for more information.



**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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