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

**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.

**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).

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

<table>
<thead>
<tr>
<th>Base Oil Properties</th>
<th>Conditions</th>
<th>NyoGel® 760G</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>—</td>
<td>Silica / PAO</td>
<td>—</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>—</td>
<td>-40 to 135 °C</td>
<td>—</td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>40 °C</td>
<td>400 cSt</td>
<td>ASTM D445</td>
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<tr>
<td>Viscosity Index</td>
<td></td>
<td>147.5</td>
<td>ASTM D2270</td>
</tr>
</tbody>
</table>

Grease Properties

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NLGI Grade</td>
<td>2</td>
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</tr>
<tr>
<td>Oil Separation</td>
<td>24 h, 100 °C</td>
<td>1.5%</td>
</tr>
<tr>
<td>Evaporation</td>
<td>24 h, 100 °C</td>
<td>0.3%</td>
</tr>
<tr>
<td>Water Washout</td>
<td>1 h, 80 °C</td>
<td>2%</td>
</tr>
<tr>
<td>Copper Corrosion</td>
<td>24 h, 150 °C</td>
<td>1a, Slight Tarnish</td>
</tr>
<tr>
<td>Salt Spray Resistance</td>
<td>750 h</td>
<td>No Corrosion</td>
</tr>
<tr>
<td>Dielectric Breakdown Voltage</td>
<td></td>
<td>11.2 kV</td>
</tr>
</tbody>
</table>

*CTM: Nye Company Test Method

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

Please contact us at 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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