



The SmartGrease Company

# NYOGEL 758G

## Electrically Conductive

A stiff, lithium soap thickened, light viscosity, synthetic ester grease intended for demanding bearing applications. Specially developed for electrical conductivity.

| Lubricant Properties                  |                                |       | Typical Value          | Test Method           |
|---------------------------------------|--------------------------------|-------|------------------------|-----------------------|
| <b>Recommended Service Range (°C)</b> |                                |       | -40 to 150             |                       |
| <b>Thickener</b>                      |                                |       | Lithium Soap           |                       |
| <b>Base Oil</b>                       | Type                           |       | Ester                  |                       |
|                                       | Kinematic Viscosity            | 100°C | 6.4 cSt                | ASTM D-445            |
|                                       |                                | 40°C  | 32.2 cSt               | ASTM D-445            |
|                                       | Viscosity Index                |       | 154                    | ASTM D-2270           |
|                                       | Flash Point                    | °C    | 254                    | ASTM D-92             |
|                                       | Pour Point                     | °C    | -54                    | ASTM D-97             |
| Typical Properties of the Grease      |                                |       | Typical Value          | Test Method           |
| <b>Color, Appearance</b>              |                                |       | Black                  |                       |
| <b>Penetration (1/10 mm)</b>          | Unworked                       |       | 225                    | ASTM D-217            |
|                                       | Worked                         | 60 X  | 231                    | ASTM D-217            |
|                                       | NLGI Grade                     |       | 3                      | ASTM D-217            |
| <b>Density</b>                        |                                | 25°C  | 0.94 g/cm <sup>3</sup> | ASTM D-70             |
| <b>Dropping Point</b>                 |                                | °C    | > 260                  | ASTM D-2265           |
| <b>Oil Separation</b>                 | 24 hour(s)                     | 100°C | 0 %                    | FTM 791, Method 321.2 |
| <b>Evaporation</b>                    | 24 hour(s)                     | 100°C | 0.6 %                  | NYE CTM               |
| <b>Water Washout</b>                  | 60 minute(s)                   | 80°C  | 3.92 %                 | ASTM D-1264           |
| <b>Copper Corrosion</b>               | 24 hour(s)                     | 100°C | 1A                     | ASTM D-4048           |
| <b>4 Ball Wear</b>                    | 1 hour(s), 1200RPM, 40 kg load | 75°C  | 0.81 mm                | ASTM D-2266           |
| <b>Oxidative Stability</b>            | 168 hour(s)                    | 100°C | 58.6 kPa               | ASTM D-942            |
| <b>Volume Resistivity</b>             |                                | 25°C  | 300 ohm/cm             | CTM-12                |

The typical properties shown on this product data sheet should not be used as a basis for preparing specifications. Refer to our product Material Safety Data Sheet for detailed safety information. (0901)