

NYE RHEOLUBE 748S

A relatively-soft non-melting, inorganically-gelled grease based on a high viscosity synthetic hydrocarbon fluid. This grease is especially intended for electrical devices exposed to arcing conditions. Base fluid has a tendency to degrade innocuously under electrical stress rather than form conductive decomposition by-products. The typical dielectric breakdown voltage on the base fluid (per ASTM D877) is 35,000 volts. Suggested service temperature: -20 °C to +100 °C.

TYPICAL PROPERTIES OF THE BASE OIL

| | | |
|-----------------|--------------------|--------------------|
| Viscosity at: | 100 ⁰ C | 30 centistokes |
| | 40 ⁰ C | 526 centistokes |
| Flash Point | | 138 ⁰ C |
| Pour Point | | -35 ⁰ C |
| Viscosity Index | | 96 |

TYPICAL PROPERTIES OF THE GREASE

| | |
|---|-------------------------|
| Color | Light Brown |
| Appearance | Smooth |
| Penetration, Unworked | 334 |
| Penetration, Worked, 60X | 334 |
| Penetration, Worked, 10,000X | 351 |
| Dropping Point | over 225 ⁰ C |
| Oil Separation, 24 hrs. at 100 ⁰ C | 0.8% |
| Evaporation, 24 hrs. at 100 ⁰ C | 5.0% |
| Specific Gravity at 25 ⁰ C | 0.9 |
| Copper Corrosion, 24 hrs. at 100 ⁰ C | No Corrosion |
| NLGI Grade Number | 1 |

SPECIFICATIONS

The typical properties shown on this product data sheet should not be used as a basis for preparing specifications. Please contact your local supplier for assistance and recommendations pertaining to specification limits and requirements.

SAFETY

NYE NYOGEL 748S is not known to cause harmful effects. However, avoid thermal degradation can liberate toxic fumes. Avoid contamination of tobacco products, or heating the grease the grease above 200⁰ Centigrade. Refer to our product Material Safety Data Sheet for detailed safety information.

PACKAGING

1-pound jars, and 7-pound and 35-pound pails.

The information given in this leaflet is based on our careful test and working experience. We hope that it will give you a useful guide, but we give no guarantee of success for your work, since the condition of use are beyond our control. We warrant only that this product will meet its specifications. Our liability is limited to that of the purchase price and we are not liable for incidental of consequential damages of any kind.