

NYE NYOGEL 782G

A soft, non-melting, inorganically-gelled grease based on a low viscosity synthetic polyether fluid. Stabilized for wide temperature exposure without de-gellation. Especially intended for lubrication of electric contacts exposed to arcing conditions. Base fluid tends to break down under arcing to volatiles rather than to polymerize to gum or to deposit carbon. Gelling agent is non-carbonizing. Useful temperature range: -40°C to 100°C.

TYPICAL PROPERTIES OF THE BASE OIL

Viscosity at:	100 ⁰ C	7 cs
	40 ⁰ C	36 cs
	-20 ⁰ C	6000 cs
	-40 ⁰ C	36,000 cs
Flash Point		210 ⁰ C
Fire Point		238 ⁰ C
Pour Point		-46 ⁰ C

TYPICAL PROPERTIES OF THE GREASE

Color	Green
Appearance	Smooth and Soft
Penetration, Unworked	297
Penetration, Worked, 60 strokes	324
Dropping Point	over 260 ⁰ C (non-melting)
Oil Separation, 24 hrs. at 100 ⁰ C	2.6%
Evaporation, 24 hrs. at 100 ⁰ C	0.5%
Oxidation Stability per ASTM 0-942	
a. Conditions	168 hrs. at 100 ⁰ C
b. Pressure Drop	26 kPa (3.8 psi)
Specific Gravity at 25 ⁰ C	1.0
Copper Corrosion, 24 hrs. at 100 ⁰ C	No Corrosion

CAUTION

Polyglycol-based lubricants have a tendency to adversely affect certain vulnerable plastics, paints, and elastomers. This lubricant should only be used with substrates of known or proven compatibility. Contact your local supplier if questions persist.

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 782G is not known to cause harmful effects. However, avoid contamination of tobacco products, or heating quantities of the grease above 200⁰ Celsius. 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 or consequential damages of any kind.