

# NS-65140-GE

## High Performance Electrical Connector Lubricant

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NS-65140-GE is an electrical connector grease formulated to protect stationary contacts from corrosion and fretting wear while greatly reducing connector insertion force. Specifically formulated with evaporation resistant fluorinated PFPE fluids for long life corrosion protection, vibration damping, fretting control and moisture resistance in elevated temperature environments.

### Characteristics:

- Atmospheric corrosion protection for ferrous and non-ferrous metals
- Reduces contact fretting wear
- Resistant to water washout
- High mechanical stability
- Low migration
- Provides very low connector insertion force

### Typical Properties

Color	White
NLGI grade	2
Penetration, ASTM D217, worked, 60 DS	275
Dropping point, ASTM D2265, °F(°C) min.	>500(260)
Oil Separation, FTM 321.3, 24 hrs. @ 212°F, %	3
Copper corrosion, ASTM D130, 3 hrs. @ 210°F	1a

### Typical Base Fluid Properties

Base fluid	PFPE
Viscosity, ASTM D445 @ 40°C, cSt	140

### Material Compatibilities:

Compatible with most engineering plastics and elastomers. Not compatible with hydrocarbon based lubricants. Check with manufacturer or Syn-Tech concerning compatibility.

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**Lubricants that Solve Problems**