

# NS-5806-G

## Synthetic Extreme Pressure Grease

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NS-5806-G is a non-melting extreme pressure grease designed for lubrication of aircraft slides and bearings. Fortified with molybdenum disulfide for excellent protection of sliding steel on steel against wear and seizure. Gelled with a non-melting bentonite thickener for extended operation at high temperature.

NS-5806-G has a shelf life of 36 months after the batch date.

### Characteristics:

- Meets Hamilton Sundstrand MS02.63
- Molybdenum disulfide enhanced
- Non-melting
- Temperature range of -73°C to 149°C (-100°F to 300°F)

### Typical Properties

Color	Dark Gray
Thickener	Bentonite Clay
Penetration, ASTM D217, worked, 60 DS	295
Penetration, ASTM D217, worked, 100,000 DS	343
Dropping point, ASTM D2265, °C	>500
Oil Separation, FTM 321.3, 30 hrs. @ 212°F, %	2.5
Evaporation Loss, ASTM D972, 22 hrs. @ 210°F, %	0.6
Water Washout, ASTM D1264, 100°F, %	1
Rust Prevention, ASTM 1743	Pass
Copper corrosion, ASTM D4048, 24 hrs. @ 100°C	1a
Load Wear Index, ASTM D2596, Kgf.	60
Low Temp. Torque, ASTM D1478, start @ -73°C,N-m	0.6
Low Temp. Torque, ASTM D1478, 1 hr. @ -73°C,N-m	0.07

### Typical Base Fluid Properties

Base fluid	Diester
Viscosity, ASTM D445 @ 100°C, cSt	3.1

### Material Compatibilities:

Not for use with ABS, polycarbonate, polyester, PPO, or PVC plastics. Not for use on buna S, butyl, or neoprene elastomers. Check with material manufacturer or Syn-Tech concerning compatibility.

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