

NS-5806-G

Synthetic Extreme Pressure Grease

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.

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

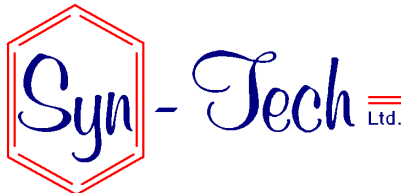
| | |
|-----------------------------------|---------|
| Base fluid | Diester |
| Viscosity, ASTM D445 @ 100°C, cSt | 3.1 |

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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