

# NS-5806-GC

## Synthetic Extreme Pressure Grease

---

NS-5806-GC is a non-melting extreme pressure grease designed for lubrication of highly loaded slides and bearings in extreme temperature environments. Fortified with molybdenum disulfide for excellent protection of steel components against wear and seizure. Gelled with a non-melting bentonite thickener for extended operation at high temperature.

NS-5806-GC has a shelf life of 48 months after the batch date.

### Characteristics:

- Molybdenum disulfide enhanced
- Protects against corrosion of ferrous and non-ferrous metals
- High oxidation resistance
- Excellent water resistance
- Temperature range of -73°C to 149°C (-100°F to 300°F)
- Non-melting

### 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.

The information provided herein is offered without warranty, express or implied. Because Syn-Tech does not have control over products it gives as samples or sells, we can't guarantee the suitability of the product for your application. The information above is therefore only to be used as a recommendation. It should not be used as the basis of a specification. SOF 7.3-01-07 4/28/17



---

1550F W. Fullerton Ave.  
Addison, IL 60101 USA

(630) 628-7290  
www.syn-techlube.com  
CAGE Code 53592

**Lubricants that Solve Problems**

06/23 Rev.0