

# NS-3844-TG

## Synthetic Gear Grease

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A high capacity multi-fluid based grease designed for exceptional stability, mechanical lubricity and long life characteristics. This product exhibits excellent oxidation stability, anti-wear and extreme pressure properties. Suitable for gears, cables, slides and bearings.

### Characteristics:

- Excellent anti-wear properties
- Excellent water resistance
- Soft for application ease
- Exceptionally long life
- Wide operating temperature range -40°F(-40°C) to +300°F(149°C)

### Typical Properties

Color	Cream
Thickener	Li Soap
NLGI grade	1
Penetration, ASTM D1403, unworked	311
Penetration, ASTM D1403, worked, 60 Ds	313
Oil Separation, FTM 321.3, 24 hrs. @ 212°F, %	5
Dropping point, ASTM D2265, °C(°F) min.	>204(400)

### Typical Base Fluid Properties

Base fluid	Synthetic Hybrid
Viscosity, ASTM D445 @ 40°C, cSt	42
Viscosity, ASTM D445 @ 100°C, cSt	6.75
Viscosity Index, ASTM D2270	117

### Material Compatibilities:

Compatible with most engineering grade plastics and elastomers except ABS, polycarbonates and Modified PPO plastics. Check with manufacturer or Syn-Tech concerning compatibility information.

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