

NS-8301-G

Noise Damping Gear Grease

A non-melting semi-synthetic high performance grease formulated for extreme pressure, anti-wear, and noise control properties. High stability, low migration, wide temperature range, and excellent load capability for use on gears, chains, bearings and cables. Excellent anti-wear for metal to metal and plastics to metals. Additionally, this product exhibits corrosion protection and high oxidation stability. NS-8301-G should not be mixed with lithium soap greases. Before first use thoroughly purge all existing lubricants from bearings, gearboxes, etc.

Characteristics:

- Extreme pressure and anti-wear additives
- Operating temperature range of -10°F to +225°F
- Good mechanical stability
- Excellent corrosion protection
- Tacifiers keep the grease in place, resists sling-off
- Non-melting thickener system

Typical Properties

Color	Tan
Thickener	Inorganic
NLGI grade	2
Penetration, ASTM D217, worked, 60 DS	285
Oil Separation, ASTM D6184-98, 30 hrs. @ 212°F, %	3.62
Dropping point, ASTM D2265, °C	>260
Copper corrosion, ASTM D4048, 24 hrs. @ 100°C	3a
Evaporation Loss, ASTM D972, 22 hrs. @ 210°F, %	1.91
Specific gravity, 60/60°F	.9342

Typical Base Fluid Properties

Base fluid	Semi-synthetic
Viscosity, ASTM D445 @ 40°C, cSt	226
ISO Viscosity Grade	220

Material Compatibilities:

Compatible with most engineering plastics (including ABS and polycarbonate) and elastomers. Check with material manufacturer or Syn-Tech concerning compatibility.

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