

NS-5014-G

Squeeze-Out Resistant Low Viscosity Grease

NS-5014-G was designed as a lubricant for polymers and metals requiring high squeeze-out resistance, good low temperature performance and low migration. Formulated with synthetic hydrocarbon fluids for good materials compatibility and PTFE for long lasting friction reduction and noise control. Excellent resistance to squeeze-out reduces component stick-slip for smooth component break-away. This grease is intended for lubrication of sliding surfaces, cams, small gear trains.

Characteristics:

- High squeeze-out resistance
- PTFE enhanced
- Protects against rust
- Protects copper and yellow metals from corrosion
- Reduces component noise by reducing friction
- Wide temperature range of -45°C to 160°C

Typical Properties

Color	Cream
Thickener	Li Soap
NLGI grade	2
Penetration, ASTM D1403, worked, 60 Ds	279
Oil Separation, ASTM D6184-98, 24 hrs. @ 212°F, %	2
Oil Separation Storage, DIN 51817, 168 hrs @ 40°C, %	3.5
Dropping point, ASTM D2265, °C	205
Density, 20°C, g/cc	.88
Copper corrosion, 24 hrs. @ 100°C	1b

Typical Base Fluid Properties

Base fluid	PAO
Viscosity, ASTM D445 @ 40°C, cSt	31
Viscosity, ASTM D445 @ 100°C, cSt	5.8
Viscosity Index Extended, ASTM D2270	132
Flash point, ASTM D92, °C	241
Pour point, ASTM D97, °C	<-60

Material Compatibilities:

Compatible with most engineering plastics including ABS and polycarbonate. Not for use with Buna S, Butyl, EPDM, EPR, or natural rubber elastomers. Check with material manufacturer or Syn-Tech concerning compatibility.

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