

NS-4209-G

Synthetic Food Grade Grease - ISO 100



NS-4209-G is a synthetic hydrocarbon based general purpose anti-wear food grade grease. This product provides excellent antiwear resistance with an operating temperature range of -40°C to 200°C (-40°F to 392°F). Formulated with a water washout resistant aluminum complex thickener and additives for corrosion prevention for metals. NSF Registration No. 142616

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Characteristics:

- NSF H1 approved for incidental food contact
- Synthetic formula for high oxidation resistance
- Aluminum complex thickener system
- High water washout resistance
- Excellent mechanical stability
- Protects against rust
- Wide operating temperature range of -40°C to 200°C (-40°F to 392°F)

Typical Properties

Color	Clear Amber
Appearance	Smooth
Thickener	Al Complex
NLGI grade	2
Penetration, ASTM D217, worked, 60 DS	280
Dropping point, ASTM D2265, °C	260

Typical Base Fluid Properties

Base fluid	PAO
Viscosity, ASTM D445 @ 40°C, cSt	100
Viscosity, ASTM D445 @ 100°C, cSt	14.9
Viscosity Index Extended, ASTM D2270	156
Pour point, ASTM D97, °C(°F)	-45 (-49)

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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