NS-1514-G

Synthetic Calcium Sulfonate Complex Grease

NS-1514-G is a food grade ISO 100 synthetic hydrocarbon based grease with a calcium sulfonate complex thickener. This product provides load carrying performance and reduced component wear. This grease also has excellent corrosion protection and superior water washout and spray off properties for bearings and gears.

Characteristics:

- Antiwear performance
- Food grade
- Resistant to water washout and spray off
- High oxidation resistance
- Excellent rust and corrosion protection
- Excellent mechanical stability
- High drop point
- Operating temperature range of -40°C to 150°C (-40°F to 302°F)

Typical Properties

Thickener	CaS Complex
Color	Cream
NLGI grade	2
Oil Separation Storage, ASTM D1742, %	<0.5
Dropping point, ASTM D2265, °C(°F)	316(600)
Copper corrosion, 24 hrs. @ 100°C	1b
Density, 25°C, g/cc	1.1
4-Ball Wear, ASTM D2266, average wear scar, mm	0.5
4-Ball EP, Load Wear Index, ASTM D2596, kgf	50
4-Ball EP, Weld point, ASTM D2596, kg	400
Timken® OK Load, ASTM D2509, Kg	25
Water Washout, ASTM D1264, %	<1
Water Sprayoff, ASTM 4049, %	33

Typical Base Fluid Properties

Base fluid	PAO
ISO Viscosity Grade	100
Viscosity, ASTM D445 @ 40°C, cSt	100
Viscosity Index, ASTM D2270	140
Pour point, ASTM D97, °C(°F)	-40(-40)

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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Syn-Tech

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