

NS-5115-G

Water Resistant Synthetic Antiwear Grease

NS-5115-G is a fully synthetic NLGI 2 grease formulated to provide friction reduction, antiwear and mild EP protection with premium corrosion protection for gears and bearings. A high viscosity index synthetic hydrocarbon (PAO) base fluid provides low drag lubrication for lower operating temperatures over a wide temperature range of -40°C to 200°C (-40°F to 392°F). Its shear resistant calcium sulfonate complex thickener system provides a consistent lubrication film and is extremely resistant to moisture, humidity and steam. NS-5115-G works very well as a seal lubricant in pneumatic cylinders.

Characteristics:

- Fully synthetic formula
- Calcium sulfonate complex thickener
- Excellent antiwear performance
- Excellent resistance to water washout and sprayoff
- High resistance to breakdown due to steam
- Superior rust and corrosion protection
- Low volatility

Typical Properties

Color	Tan
Thickener	CaS Complex
NLGI grade	2
Oil Separation, ASTM D6184, 24 hrs. @ 100°C, %, Max	<0.5
Dropping point, ASTM D2265, °C(°F)	>315(599)
4-Ball Wear, ASTM D2266, 60 min, 40 Kg, 1200 rpm, 75°C, mm.	0.45
Copper corrosion, 24 hrs. @ 100°C	1b
Rust Prevention, ASTM 1743	Pass
WaterWashout, % removed, ASTM D1264	<1
Water Sprayoff, ASTM 4049, %	<30

Typical Base Fluid Properties

Base fluid	PAO
Viscosity, ASTM D445 @ 40°C, cSt	30
Viscosity, ASTM D445 @ 100°C, cSt	5.9
Viscosity Index Extended, ASTM D2270	145
Pour point, ASTM D97, °C(°F)	-65(-85)

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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