

NS-3421-G

High temperature Bearing grease

NS-3421-G was formulated to lubricate bearings used to support high temperature corrugator rolls. A low volatility fluorinated base oil, wide temperature range lithium complex thickener and a unique EP/antiwear additive package to provide long life lubrication and corrosion protection with an operating temperature range of -30°C to 250°C.

Food grade version available as NS-3421-GFG.

Characteristics:

- Long life at high temperature
- Lithium complex thickener
- High load carrying ability
- Will not swell elastomers
- Miscible with PFPE/PTFE type greases
- Does not contain sodium nitrite
- PFOA free

Typical Properties

Color	Light yellow
Thickener	Lithium complex
Thickener quantity, %	5.5
NLGI grade	2
Density, 20°C, g/cc	1.7
4-Ball Wear, ASTM D2266, 40Kg, 1200 rpm, 75°C, mm.	0.51
4-Ball EP, Load Wear Index, ASTM D2596, kgf	166.5
4-Ball EP, Weld point, ASTM D2596, kg (N)	620 (6080)
Rust Prevention, ASTM 1743	Pass
Copper corrosion, 24 hrs. @ 100°C	1b
Evaporation Loss, ASTM D2595, 24 hrs @ 150°C., %	0
Evaporation Loss, ASTM D2595, 22 hrs @ 204°C, %	2

Typical Base Fluid Properties

Base fluid	PFPE
Viscosity, ASTM D445 @ 40°C, cSt	245
Viscosity, ASTM D445 @ 100°C, cSt	25

Material Compatibilities:

Compatible with most engineering plastics and elastomers. Not compatible with hydrocarbon based lubricants. Check with manufacturer or Syn-Tech concerning compatibility.

The information provided herein is offered without warranty, express or implied. Because Syn-Tech does not have control over products it gives as samples or sells, we can't guarantee the suitability of the product for your application. The information above is therefore only to be used as a recommendation. It should not be used as the basis of a specification. SOF 7.3-01-07 4/28/17



1550F W. Fullerton Ave.
Addison, IL 60101 USA

(630) 628-7290
www.syn-techlube.com
CAGE Code 53592

Lubricants that Solve Problems

07/21 Rev.0