

NS-6617-SBO

Synthetic Bearing Oil with Solid Polymer Matrix

NS-6617-SBO is a unique combination of a medium viscosity synthetic hydrocarbon oil in a solid porous polymer carrier formulated to lubricate ball, tapered roller, needle roller, spherical roller and cylindrical roller bearings. The porous polymer carrier slowly releases oil to the bearing components. The carrier also forms a wall, blocking particular contaminants without the need for expensive seals. This product provides protection from rust and corrosion. It also exhibits enhanced antiwear and extreme pressure protection for ferrous metals.

Usage instructions: Mix NS-6617-SBO to disperse polymer particles that may have settled. The solid polymer gell matrix is formed after heating the bearing with NS-6617-SBO to 145°C or greater for at least 30 minutes. Allow the bearing to cool to room temperature before operating.

Other oil viscosities are available

Characteristics:

- Solid porous polymer gell matrix
- Prevents bearing contamination
- Provides enhanced antiwear and extreme pressure protection
- Protects against rust and corrosion
- Lubricated for life applications
- Operating temperature range of -40°C to +110°C

Typical Properties

Color	Red
Density, 20°C, g/cc	.865

Typical Base Fluid Properties

Base fluid	PAO
Viscosity, ASTM D445 @ 40°C, cSt	115
Viscosity Index Extended, ASTM D2270	154

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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