

NS-1018-SBO

ISO 100 Bearing Oil with Solid Polymer Matrix

NS-1018-SBO is a unique combination of an ISO 100 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. NS-1018-SBO is sold in a fluid form. It is poured into bearings and heated to form a solid bearing oil.

Usage instructions: Gently stir or shake NS-1018-SBO to disperse polymer particles that may have settled. The solid polymer gell matrix is formed after heating the bearing with NS-1018-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
- 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	0.865

Typical Base Fluid Properties

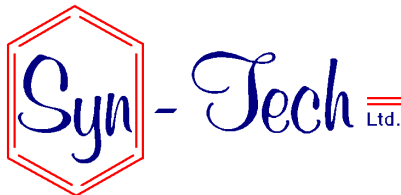
Base fluid	PAO
ISO Viscosity Grade	100
Viscosity, ASTM D445 @ 40°C, cSt	105
Viscosity Index Extended, ASTM D2270	151

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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1550F W. Fullerton Ave.
Addison, IL 60101 USA
(630) 628-7290
www.syn-techlube.com

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