

NS-711-G

Synthetic Antiwear Gear and Bearing Grease

NS-711-G is a fully synthetic NLGI 2 gear and bearing grease. Formulated with a synergistic blend of base fluids for enhanced metals wetting, long life friction reduction, antiwear and mild EP under boundary layer lubrication conditions on steel components. Also an excellent lubricant for plastic gears and bearings. NS-711-G was designed for highly loaded applications such as power tools, automotive starters, electric steering and power seat actuators. It imparts reduced friction on acme nut or ball lead screws as well as worm gear drives.

Characteristics:

- Extreme pressure fortified
- Antiwear protection for long life
- Reduces friction
- Lubricates plastic gears
- Protects against rust and corrosion
- High oxidation stability
- Operating temperature range of -54°C to 140°C (-65°F to 284°F)

Typical Properties

Color	Cream
Thickener	Li Soap
NLGI grade	2
Penetration, ASTM D217, worked, 60 DS	275
Oil Separation, ASTM D6184-98, 24 hrs. @ 212°F, %	3
Specific gravity, 60/60°F, ASTM D1298	.96
4-Ball Wear, ASTM D2266, 40Kg, 1200 rpm, 75°C, mm.	0.39

Typical Base Fluid Properties

Base fluid	Synthetic Blend
Viscosity, ASTM D445 @ 40°C, cSt	28
Viscosity, ASTM D445 @ 100°C, cSt	5.6
Viscosity Index Extended, ASTM D2270	145
Pour point, ASTM D97, °C(°F)	-65

Material Compatibilities:

Not for use with ABS, polycarbonate, polyester, PPO, or PVC plastics. Not for use on buna S, butyl, or neoprene elastomers. Check with material manufacturer or Syn-Tech concerning compatibility.

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