

NS-697-G

Synthetic Grease

Designed for use in mechanical sections of switches, small mechanisms and low to medium load gearboxes. This product exhibits high mechanical stability, wide operating temperature range and excellent oxidation and thermal stability. Exceptional 'smooth feel' and mechanical damping are additional characteristics. PTFE enhanced.

Characteristics:

High oxidation and thermal stability
Very low evaporation rate
Temperature range of -40°F(-40°C) to +250°F(+121°C)
High mechanical stability
Exhibits 'smooth feel' and damping properties
Water resistant

Typical Properties

Color	Cream
Thickener	Li Soap
NLGI grade	2
Penetration, ASTM D1403, worked, 60 Ds	275 - 305
Dropping point, ASTM D2265, °C, min.	199
Oil Separation, ASTM D6184-98, 24 hrs. @ 212°F, %	5 max.
Specific Gravity, 77°F	.846

Typical Base Fluid Properties

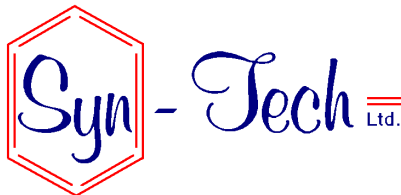
Base fluid	PAO
Viscosity, ASTM D445 @ 40°C, cSt	37
Viscosity, ASTM D445 @ 100°C, cSt	7
Flash point, ASTM D92, °C (°F)	>240(>464)
Pour point, ASTM D97, °C(°F)	-65(-85)

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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