

NS-7796-GUL

Mechanical Damping Grease

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

Characteristics:

- Exhibits 'smooth feel' and damping properties
- Operating temperature range of -40°F(-40°C) to +250°F(+121°C)
- Excellent mechanical stability
- Low evaporation
- Moisture resistant
- PTFE enhanced

Typical properties

Thickener	Organic
Penetration, ASTM D217, unworked	300
Penetration, ASTM D217, worked, 60 DS	300
Dropping point, ASTM D2265, °C	275
Oil Separation, FTM 321.3, 24 hrs. @ 100°C, %	3
Evaporation Loss, ASTM D972, 30 hrs. @ 120°C, %	0
Bomb Oxidation, ASTM D942, psi	93
Low Temp. Torque, ASTM D1478, 1 hr. @ -40°C,g-cm	
Starting Torque	2036
Running, 10 min.	560
Running, 60 min	266

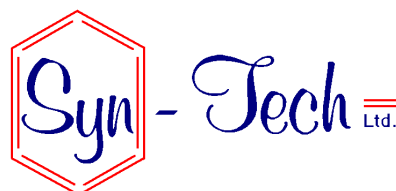
Typical base fluid properties

Viscosity, ASTM D445 @ 100°C, cSt	11.7
Viscosity, ASTM D445 @ 40°C, cSt	69.6
Viscosity, ASTM D2983@ -40°C, cP	10,000
Viscosity Index	164
Pour point, ASTM D97, °C	-54
Copper corrosion, 3 hrs. @ 100°C	1b
Evaporation Loss, ASTM D972, %	0
Base fluid	Synthetic

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 manufacturer or Syn-Tech concerning compatibility.

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