

GLÄT SEMI-FLUID LITHIUM GREASE NLGI EP-00

Product Description

GLÄT Semi-Fluid Lithium Grease NLGI EP-00 is a high-performance, semi-fluid lithium-based grease, engineered for centralized lubrication systems, enclosed gear drives, and applications operating under moderate loads and cold conditions. Its soft texture allows for efficient flow through automatic systems, while the EP additive package ensures protection from wear, rust, and corrosion.

Application

- Fleet vehicle chassis lubrication
- Enclosed gearboxes in conveyors, mixers, and machinery
- Electric motor housings and automotive hubs

Meets or Exceeds

- **DIN 51502:** GP00K-40
- **ISO 6743-9:** ISO-L-XCBFB00
- Meets OEM standards for automatic and low-viscosity greases

Product Features & Benefits

- Maintains structure under mechanical stress
- Excellent resistance to oxidation and water contamination
- Easy flow at low temperatures
- Reduces friction and mechanical noise

Storage & Handling

- Store in a dry, shaded area below 40°C
- Avoid mixing with incompatible greases
- Reseal container after use
- Refer to the product SDS for full safety and environmental guidance

Typical Properties

Property	Method	Unit
Thickener Type	—	Lithium Soap
Base Oil Viscosity @ 40°C	ASTM D445	~150 cSt
NLGI Grade	ASTM D217	00
Appearance	Visual	Smooth, brown
Worked Penetration (60 strokes)	ASTM D217	400-430
Dropping Point	ASTM D2265	≥170°C
4-Ball Weld Load	ASTM D2596	≥250 kg
Water Washout @ 79°C	ASTM D1264	≤3%
Operating Temp Range	—	-40°C to +120°C
Rust Protection (EMCOR)	DIN 51802	0-0

