

## GLÄT SEMI-FLUID LITHIUM GREASE NLGI EP-000

### Product Description

**GLÄT Semi-Fluid Lithium Grease NLGI EP-000** is an extra-soft, semi-fluid lithium grease designed for automated centralized lubrication systems and enclosed gear units operating in cold or variable temperatures. Its smooth, highly flowable texture allows consistent delivery through small-bore piping and injectors, even in low-temperature conditions. Engineered with EP additives, it offers reliable protection against wear, rust, and corrosion in high-speed, enclosed, or circulating systems.

### Application

- Bus, truck, and trailer automatic lube systems
- Wind turbine gear mechanisms
- Enclosed conveyors and gear units
- Marine stern tubes or closed winch housings

### Meets or Exceeds

- **DIN 51502:** GP000K-40
- **ISO 6743-9:** ISO-L-XCBBF000
- Suitable for equipment requiring NLGI 000 soft grease with EP additives

### Product Features & Benefits

- Ultra-soft for extreme cold and long lube lines
- Maintains protective film under mechanical load
- Water-resistant and oxidation-stable
- Ideal for circulating or splash-lubricated systems

### 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	000
Appearance	Visual	Smooth, light brown
Worked Penetration (60 strokes)	ASTM D217	445-475
Dropping Point	ASTM D2265	≥170°C
4-Ball Weld Load	ASTM D2596	≥250 kg
Water Washout @ 79°C	ASTM D1264	≤3%
Operating Temp Range	—	-45°C to +120°C
Rust Protection (EMCOR)	DIN 51802	0-0

