



Product Name: TRÖST EP-000

Application: Automated lubrication, enclosed gearboxes, off-road and fleet equipment

Thickener Type: Lithium Soap

NLGI Grade: 000

Additive System: Extreme Pressure (EP), anti-wear, anti-rust

Product Overview

Lithium-based semi-fluid EP grease with NLGI 000 grade consistency. Designed for systems requiring superior flowability, wear protection, and stability under high loads in both cold and industrial settings. 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 housing

Performance 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

Meets and Approvals

- DIN 51502: GP000K-40
- ISO 6743-9: ISO-L-XCBFB000
- Suitable for equipment requiring NLGI 000 soft grease with EP additives

Typical Properties

Property	Method	Typical Value
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





Storage and Handling

- Store in a dry, covered environment between 5°C and 40°C
- Avoid contamination and water ingress
- Use appropriate application tools for thick, adhesive grease
- Refer to the SDS for full safety, health, and environmental instructions.

