



Product Name: TRÖST EP-00

Application: Truck chassis, closed gear systems, industrial machinery

Thickener Type: Lithium Soap

NLGI Grade: 00

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

Product Overview

Lithium-based NLGI 00 semi-fluid grease with EP additives, designed for centralized lubrication and gear systems where flowability, anti-wear, and corrosion protection are essential.

Application

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

Performance Benefits

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

Meets and Approvals

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

Typical Properties

Property	Method	Typical Value
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





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.

