



Product Name: TRÖST Ca-Complex EP-2

Application: Heavy-duty industrial, marine, off-road, construction, and wet environments

Thickener Type: Calcium Complex

Base Oil: High Viscosity Mineral Oil

NLGI Grade: 2

Additive System: Extreme Pressure (EP), rust & corrosion inhibitors, oxidation protection.

Product Overview

High-performance calcium complex grease with extreme pressure protection, designed for harsh environments exposed to water, load, and heat.

Application

- Ideal for industrial plants with high moisture exposure
- Marine axle bearings and deck machinery
- Mining equipment with severe shock load and vibration
- Farm machinery operating in mud, dirt, and water
- Hydraulically powered rotating parts and slow-speed bearings

Performance Benefits

- Superior resistance to washout and corrosion
- Enhanced EP formulation for high-pressure and shock-loaded parts
- Stable structure for extended relubrication intervals
- Suitable for hot, humid, or aggressive field conditions
- Excellent adhesion to metal, reducing wear and grease loss

Meets and Approvals

- **NLGI Grade:** 2
- **DIN 51502:** KP2R-25
- **ISO 6743-9:** ISO-L-XBCEB2
- Compliant with equipment requiring water-resistant EP greases

Typical Properties

Property	Method	Typical Value
Thickener Type	—	Calcium Complex
Base Oil Type	—	Mineral
NLGI Grade	ASTM D217	2
Appearance	Visual	Smooth, tacky, dark red or brown
Worked Penetration (60 strokes)	ASTM D217	265–295
Dropping Point	ASTM D2265	≥280°C
4-Ball Weld Load	ASTM D2596	≥400 kg
Water Washout @ 79°C	ASTM D1264	≤2%





Rust Test (EMCOR)	DIN 51802	0-0
Operating Temperature Range	—	-25°C to +160°C
Short-Term Peak Temp	—	up to +200°C

Typical values only – not a specification

Storage and Handling

- Store in a clean, dry, covered location
- Avoid contamination during use
- Seal containers after use to prevent moisture intrusion
- Refer to the SDS for full handling and disposal guideline.

