

GLÄT CALCIUM COMPLEX GREASE EP-2

Product Description

GLÄT Calcium Complex grease EP-2 is a premium calcium complex grease engineered to provide superior performance in high-load and water-exposed environments. With excellent resistance to washout, thermal breakdown, and shock loading, it is the ideal grease for harsh mechanical operations involving heavy-duty bearings and joints. It delivers outstanding mechanical stability, oxidation resistance, and load-carrying capability, making it suitable for wet, dusty, or aggressive conditions such as mining, construction, marine, and heavy industry

Product Features & 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

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

Meets or Exceeds

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

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	—	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

