

GLÄT LITHIUM COMPLEX GREASE EP-3

Product Description

NLGI 3 lithium complex grease with EP additives for industrial and automotive equipment

Application

- Severe-duty bearings and joints
- Off-road and mobile equipment
- Bearings requiring stiffer grease for retention
- Suitable for centralized lubrication (where NLGI 3 is accepted)

Product Features & Benefits

- Superior load-carrying capacity and mechanical stability
- High-temperature resistance and extended relubrication intervals
- Excellent sealing against contaminants

Storage & Handling

- Store in dry, cool area away from contaminants
- Close containers after use to prevent oxidation
- Refer to SDS for safe handling and disposal

Meets or Exceeds

- NLGI: Grade 3
- DIN 51502: KP3N-20
- ISO 6743-9: ISO-L-XCCHB3

Typical Properties

Property	Method	Typical Value
Thickener Type	—	Lithium Complex
Appearance	Visual	Smooth, dark amber
NLGI Grade	ASTM D217	3
Penetration (worked, 60 strokes)	ASTM D217	220-250
Base Oil Viscosity @ 40°C	ASTM D445	~220 cSt
Dropping Point	ASTM D2265	≥260°C
4-Ball Weld Load	ASTM D2596	≥315 kg
Water Washout @ 79°C	ASTM D1264	≤2%
Timken OK Load	ASTM D2509	≥20 kg
Rust Protection (EMCOR)	DIN 51802	0-0
Operating Temp Range	—	-20°C to +160°C
Peak Temp (short term)	—	Up to +200°C

