



Product Name: TRÖST MoS₂ EP-2

Application: Off-road, construction, mining, industrial and heavy-duty automotive components

Thickener Type: Lithium Soap

Solid Additive: Molybdenum Disulfide (MoS₂)

NLGI Grade: 2

EP Type: Extreme Pressure with anti-wear and anti-corrosion properties

Product Overview

Premium lithium grease fortified with Molybdenum Disulfide for excellent protection against wear, shock loading, and extreme pressure.

is a high-performance lithium grease reinforced with **Molybdenum Disulfide (MoS₂)** for added protection in extreme pressure and shock-load environments. The moly particles bond to metal surfaces to provide a solid film of protection under conditions where standard grease may fail

Application

- Chassis lubrication for trucks and buses
- Bucket pins, kingpins, and coupling joints
- Construction and off-highway equipment
- Industrial machinery exposed to high shock or intermittent loads

Performance Benefits

- MoS₂ provides solid protection under severe load and low-speed conditions
- Reduces fretting corrosion, wear, and galling
- Strong resistance to water washout and oxidation
- Stable under heavy mechanical stress
- Ideal for oscillating or sliding motion where film strength is critical

Meets and Approvals

- NLGI Grade: 2
- DIN 51502: KF2K-20
- ISO 6743-9: ISO-L-XBCEB2
- MoS₂ content: ~3%

Typical Properties

Property	Method	Typical Value
Thickener Type	—	Lithium Soap
Appearance	Visual	Smooth, gray/black
NLGI Grade	ASTM D217	2
MoS ₂ Content	—	~3%
Penetration (60 strokes)	ASTM D217	265–295
Dropping Point	ASTM D2265	≥190°C





4-Ball Weld Load	ASTM D2596	≥ 315 kg
Water Washout @ 79°C	ASTM D1264	$\leq 5\%$
Rust Protection (EMCOR)	DIN 51802	0-0
Operating Temperature Range	—	-20°C to +130°C
Short-Term Peak Temp	—	Up to +150°C

Storage and Handling

- Store in a cool, dry place away from dust and moisture
- Reseal containers after use
- Avoid contamination with other greases or solvents
- Refer to MSDS for safety and disposal instructions

