



Product Name: TRÖST EP-2 HVI

Application: Industrial and automotive bearings, chassis, and equipment under high loads

NLGI Grade: 2

Soap Type: Lithium Complex

Additives: Extreme Pressure (EP) + Antioxidants + Rust Inhibitors

Base Oil Viscosity: High Viscosity Index (HVI) Mineral Base Oil.

Product Overview

High-performance lithium complex grease fortified with EP additives and formulated with high viscosity index base oils. Offers superior protection in demanding load and temperature conditions.

Application

- Suitable for industrial and automotive bearings
- Heavy-duty wheel bearings and high-speed applications
- Electric motor bearings and high-load pivot points
- Compatible with centralized lubrication systems

Performance Benefits

- **Lithium Complex Thickener:** Provides excellent heat resistance and longer grease life.
- **Extreme Pressure (EP) Additives:** Protects equipment under shock loading and vibration.
- **Water Washout Resistance:** Ensures adherence and lubrication even in wet conditions.
- **Oxidation and Rust Inhibitors:** Prevents degradation and metal corrosion during service.
- **Wide Operating Temperature Range:** Suitable from -25°C to +160°C (up to +200°C intermittently).

Meets and Approvals

- **DIN 51502:** KP2N-20
- **ISO 6743-9:** ISO-L-XCCHB2
- **NLGI Grade:** 2
- **Worked penetration:** 265–295 (ASTM D217)

Typical Properties

Property	Method	Typical Value
Appearance	Visual	Smooth, tacky, red
Thickener Type	—	Lithium Complex
NLGI Grade	ASTM D217	2
Base Oil Viscosity @ 40°C	ASTM D445	~210 cSt
Worked Penetration (60 strokes)	ASTM D217	265–295
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





Corrosion Protection (EMCOR)	DIN 51802	0-0
Operating Temperature Range	—	-25°C to +160°C
Short-Term Peak Temp	—	Up to +200°C

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.

