



ISO CERT NO. 160067



ISO CERT NO. 190018

# FALCHEM EP2 GREASE

## MULTI-PURPOSE HD INDUSTRIAL GREASE

### DESCRIPTION:

**FALCHEM EP GREASE 2** are high quality extreme pressure, multi-purpose, heavy duty industrial greases based on lithium hydroxystearate soap and incorporating lead/sulphur extreme pressure additives. They are primarily recommended for heavy duty plain and rolling element bearings operating under severe conditions including shock loading in wet environments. However, **FALCHEM EP GREASE 2** can also be used in normally rated applications where their multi-purpose properties make it possible to rationalize the number of greases for factory lubrication.

Both grades meet the Timken Company's International Lubrication Specification for Steel Mill Application.

Typical applications for **FALCHEM EP GREASE 2** include bearings in the steel, paper, mining, quarrying and construction industries.

**FALCHEM EP GREASE 2** are particularly suitable for application by centralized grease systems because of their good resistance to oil separation under pressure.

### CHARACTERISTICS, ADVANTAGES & APPLICATIONS:

**FALCHEM EP GREASE 2** is a medium consistency grease suitable for heavy duty bearings and general industrial lubrication.

It exhibits –

Outstanding load carrying capacity in bearings operating up to the maximum rated speed for grease lubrication in the temperature range  $-15^{\circ}\text{C}$  to  $70^{\circ}\text{C}$ . the temperature range can be increased to  $-15^{\circ}\text{C}$  to  $90^{\circ}\text{C}$  for bearings operating at 75% of the maximum rated speed.

- Excellent resistance to water washout and corrosion even in the presence of considerable quantities of Water.
- Superior mechanical stability.
- Very good pump ability in centralized lubrication systems operating at normal ambient temperatures.
- Penetration at 310 – 340 mm.
- Drop point at  $180^{\circ}\text{C}$ .
- Color – Dark brown.
- NLGI 1 & 2.



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**LOAD CARRYING CAPACITY**

**FALCHEM EP GREASE 2** owe their superior load carrying capacity to special extreme pressure additives incorporated in selected high quality mineral base oils thickened with lithium hydroxystearate soap. The high load carrying capacity of **FALCHEM EP GREASE 2** enables them to withstand heavy and shock loads without failure of the lubricant film.

Timken OK Value            25 kgs (55 lbs)  
 4 ball test, weld load      280 kgs

**FALCHEM EP GREASE 2** is formulated to have a strong affinity for metal and have the ability to protect bearing surfaces against corrosion even when the grease is contaminated with water.

**WATER WASHOUT**

**FALCHEM EP GREASE 2** is specifically designed to resist water washout by immersion or spray.

**TYPICAL PHYSICAL PROPERTIES**

Color                            : Reddish Brown  
 Specific gravity (20°C)    : 1.0  
 Flash Point                    : Not applicable

**APPLICATION**

**SAFETY AND HANDLING**

<b>HANDLING</b>	Handle with care. Store in dry, cool and well ventilated environment.
<b>SAFETY</b>	<b>IMMEDIATE ACTIONS</b>
<b>Eye Contact</b>	Avoid Eye Contact. Otherwise, flush with plenty of water for a few minutes. Seek medical attention.
<b>Skin Contact</b>	Avoid Skin contact. Otherwise, wash contaminated area thoroughly with water. Seek medical attention.
<b>Inhalation</b>	Do not breathe gas/vapors. Otherwise, seek fresh air source at once. Seek medical attention. In case of insufficient ventilation, wear suitable respiratory equipment..
<b>If Swallowed</b>	Avoid ingestion. Otherwise, consume considerable quantity of water. Do not induce vomiting. Seek medical attention.
<b>General instructions</b>	Avoid spillage, splashing and mishandling. Precautionary measures for body protection are strongly recommended before use.

**PACKING SIZE:            16kg pail**



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**Read the Material Safety Data Sheet before using this product**

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or product label.

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