



# FETT 3800 TS

## Long-life grease

### Description

FETT 3800 TS is a special EP long-life grease based on semi-synthetic base oils and thickened with lithium soap. Aside from additives to increase the exceptional resistance to oxidation, it contains a combination of additives which specifically enhance the EP properties and ensure excellent adhesion. The high base oil viscosity is favourable at high loads and low speeds, where other greases fail.

### Field of application

FETT 3800 TS can be used for the initial filling or top-up lubrication of roller-contact bearings using conventional processes (central lubricating systems, hand-lever grease guns). It is ideally suited for bearings exposed to harsh operating conditions and large differences in temperature (cable cars). FETT 3800 TS allows for extended relubrication intervals.

### Advantages

- Exceptional resistance to oxidation
- Excellent working stability
- Water resistance
- Good protection against corrosion
- Good thermal endurance
- High pressure-absorbing capability
- Very good adhesion

### Specifications

KP2 N-30 in accordance with DIN 51502

### Technical data

Properties	Unit	Test according to	Values
Thickener			Li-12 hydroxystearate
Worked penetration	0.1 mm	DIN ISO 2137	265 – 295
NLGI class		DIN 51818	2
Drop point	°C	DIN ISO 2176	> 190
Colour		DIN ISO 2049	natural
Base oil type			semi synthetic
Base oil viscosity at 40 °C	mm <sup>2</sup> /s	DIN ISO 3104	800
Temperature operating range	°C		-30 to +140
Water resistance		DIN 51807/Part 1	1 – 90
Wear of rolling element FAG FE 8 test	mg	DIN 51819-2-A-7.5/80-RT	< 5
Four-ball tester welding force	N	DIN 51350-4	2800
Corrosion test on copper	24 h/100 °C	DIN 51811	1 - 120
Corrosion test to EMCOR		DIN 51802	0-0

Water hazard class: WGK 1

Disposal code: EWC 120 112

The above information is subject to change without prior notice, although it is in accordance with current standards. Performance characteristics indicated are based on usual tolerances which occur during measuring and production using the latest technology. A safety data sheet is available.

