

# Technical datasheet

## FETT 174

mineral-based low-viscosity grease for gears

### Description

GREASE 174 (FETT 174) is a natural-coloured, semi-fluid, lithium-saponified lubricating grease with a mineral oil base.

### Product features

- high pressure-bearing capacity
- water-resistant
- resistant to oxidation
- good corrosion protection
- very adhesive
- few changes in consistency due to high level of work stability

### Field of application

Suitable for filling gear cases of spur gear drives and bevel gear drives, worm gears and other similar industrial gears. Even at high operating temperatures.

### Specifications

DIN 51502, GP00K-30

### Technical Data

#### Properties

Properties	Test according to	Unit	Values
Colour			brown
Base oil type			mineral
Thickener			Li-12-OHst
Viscosity			NLGI 00
Description DIN	DIN 51502		GP 00 K-30
Description ISO	ISO 6743-9		ISO-L-XBCEB00
Density at 20 °C		g/cm <sup>3</sup>	0.000
Viscosity at 40°C	DIN 51562-1	mm <sup>2</sup> /s	200.0
Timken-Test	DIN 51434-3	N	178
Flowing pressure	DIN 51805	hPa	< 1,000
Flowing pressure temp.		°C	-30
Corrosion test to EMCOR	DIN 51802		0-0
Temperature operating range		°C	-30 - 120
Drop point	DIN ISO 2176	°C	175
Worked penetration	DIN ISO 2137	0.1mm	400 - 430
Water resistance	DIN 51807-1		1 - 90
Speed coefficient (n x dm)		mm/min	315,000
Corr. protect against cooper	DIN 51811	Corr.Grade	1 Korr.G

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.