



Obeen FS 2

Physiologically safe special grease

Description

OBEEN FS 2 is a physiologically safe, fully synthetic (free from mineral oil), special grease. It is especially suited for the food, beverage and pharmaceutical industries where there might be a direct contact between the lubricant and the foodstuff or its packaging. OBEEN FS 2 only contains raw materials which are listed in the Guideline of Security 21 CFR 178.3570 of the FDA and which are in conformity with NSF H1.

Application

• As bearing grease in the food industry for the lubrication of rolling and sliding bearings, above all at high speeds in fillers, closing machines etc. as well as various household appliances and machines in the pharmaceutical and cosmetic industries.

Advantages

- OPTITEC™ - CASTROL OPTIMOL technology
- Physiologically safe
- Tasteless and odorless
- Good adhesion
- Resistant to hot and cold water
- Excellent resistance to cleaning agents and disinfectants
- Compatible with sealing materials resistant to mineral oil
- Temperature application range: - 30°C/- 22°F to + 140°C/+ 284°F
- Good behavior at low temperatures

Typical Physical Characteristics

Subject to usual manufacturing tolerances

Test	Method	Unit	Value
CASTROL OBEEN FS	-	-	2
Colour	visual	-	amber
Base	-	-	Al-complex/PAO
Consistency/NLGI grade	DIN 51818	-	2
Worked penetration	DIN ISO 2137	0.1 mm	289
Density at + 20°C/+ 68°F	DIN 51757	kg/m ³	835.4
Dropping point	DIN ISO 2176	°C	> 230
		°F	> 446

1 mm²/s Δ 1cSt

Additional Information

- Please observe the specifications of the plant and machine manufacturers.
- OBEEN FS 2 is not suited for the lubrication of seals made of EPDM materials

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