

## Optileb™GR FS 2

Physiologically safe special grease

### Description

Optileb™GR FS 2 (previously called Obeen™ FS 2) is a physiologically safe, fully synthetic NLGI 1-2 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. Optileb GR 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 at high speeds like in fillers, closing machines etc. as well as various household appliances and machines in the pharmaceutical and cosmetic industries.

### Advantages

- 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 Characteristics

Name	Method	Units	Optileb GR FS 2
Colour	Visual	-	amber
Base oil	-	-	PAO
Thickener type	-	-	Al-complex
Worked Penetration (60 strokes @ 25 °C/77 °F)	ASTM D217/ ISO 2137	0.1 mm	295 - 335
Density @ 20 °C/68 °F	IP 530	kg/m <sup>3</sup>	835
Dropping point	ASTM D566/ ISO 2176	°C/°F	>230/>446

Subject to usual manufacturing tolerances

## Additional Information

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

**This product was previously called Obeen FS 2. The name was changed in 2015**

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02 Dec 2015

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