



## Castrol Obeen™ UF Range

Food Grade Grease

### Description

Castrol Obeen™ UF - are light, natural-colored special greases. They are physiologically safe and contain only components which are listed in the U.S. Code of Federal Regulations, Title 21, Section 178.3570 and 178.3620. Castrol Obeen UF Series Greases are acceptable to the USDA as lubricants where incidental food contact may occur and are NSF H1 authorized.

Castrol Obeen UF greases are especially suited for use in the food, beverage and pharmaceutical industries where there may be exposure of the lubricated part to the edible product or its packaging.

### Application

Castrol Obeen UF is especially suited for the use in the food and beverage industries as well as in the pharmaceutical industry where there may be exposure of the lubricated part to the edible product or its packaging.

Castrol Obeen UF 000 for central lubrication systems - filling plants of yoghurt, instant food and cheese processing machines (e.g. turning machines). Obeen UF 00 and 0 for grease-lubricated gears and gear motors - central lubrication systems such as in filling plants, packaging stations and cardboard folding machines.

Obeen UF 1, 2 as tap, sealing and bearing grease, for long term lubrication of rolling and sliding bearings, for fillers, bottle washing machines, labelling machines, closing machines, filling machines, conches, cyclones. Obeen UF 2 guarantees mobility of taps. Obeen UF 2 is available in aerosol cans.

### Advantages

- Physiologically safe.
- Odorless and tasteless
- Resistant to hot and cold water.
- Excellent conveying ability.
- Good anti-corrosion properties.
- Resists water wash out.

## Typical Characteristics

Name	Method	Units	UF 000	UF 00	UF 0	UF 1	UF 2
Colour	Visual	-	Whitish, Transparent	Whitish, Transparent	Whitish, Transparent	Whitish, Transparent	Whitish, Transparent
Consistency / NLGI Grade	DIN 51818	-	000	00	0	1	2
Base Oil	-	-	Synthetic Oil				
Thickner Type	-	-	Aluminum Complex	Aluminum Complex	Aluminum Complex	Aluminum Complex	Aluminum Complex
Worked Penetration (60 strokes)	ISO 2137/ ASTM D 217	0.1 mm	470 (unworked)	420	370	320	280
Dropping Point	ISO 2176/ ASTM D566	°C / °F	-	195 / 381	215 / 419	>230 / 446	>230 / 446
Water Resistance at 90°C / 194F	DIN 51807-1	Rating	-	-	0	0	0
Rust Test- Emcor (Distilled Water)Emcor)	ISO 11007/ ASTM D6138	Rating	0/1	0/1	0/1	0/1	0/1
Copper Corrosion Protection (24 HRS,100°C / 212°F	ASTM D4048	Rating	1b	1b	1b	1b	1b

These technical data are based on average test results. Minor deviations may occur from case to case.

## User Advice

- Please observe the machine manufacturers' lubrication specifications.
- Temperature application range:
  - **Castrol Obeen UF 000, 00, 0:** -40°C/-40°F to +140°C/+284°F
  - **Castrol Obeen UF 1, 2 :** -30°C/-22°F to +140°C +284°F

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12 Feb 2015

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