



Produkt-Datenblatt

CASTROL OBEEN UF

Physiologically safe special grease for the food, beverage and pharmaceutical industries, USDA H1 registration

DESCRIPTION

CASTROL OBEEN UF is a light, natural-colored special grease. It is physiologically safe and USDA H1 authorized. Therefore 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.

APPLICATIONS

- CASTROL OBEEN UF 000 for
 - central lubrication systems
 - filling plants of yoghurt, instant food and cheese processing machines (e.g. turning machines)
- CASTROL 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
- CASTROL OBEEN UF 1, 2 and 3 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
- CASTROL OBEEN UF 2 guarantees mobility of taps
- CASTROL OBEEN UF 3 withstands steam cleaning and is especially suited for the beverage industry where pipes are cleaned or sterilized with steam

ADVANTAGES

- OPTITEC® - CASTROL OPTIMOL technology
- physiologically safe, USDA H1 authorized
- odorless, tasteless and colorless
- resistant to hot and cold water
- excellent conveying ability, good anti-corrosion properties
- CASTROL OBEEN UF 3 withstands steam cleaning
- temperature application range:
CASTROL OBEEN UF 000, 00, 0 -40°C/-40°F to +140°C/+284°F
CASTROL OBEEN UF 1, 2, 3 -30°C/-22°F to +140°C+284°F

NOTES FOR USE

- Please observe the manufacturers' lubrication specifications.
- CASTROL OBEEN UF 3 is also available as spray (article-no. 09533); USDA H1 authorized.

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Technical data

	Unit	Value						Test method
		000	00	0	1	2	3	
CASTROL OBEEN UF	-	000	00	0	1	2	3	-
Color	-	amber, transparent						visual
Base	-	aluminium complex/synthetic oil						-
Consistency/NLGI grade	-	000	00	0	1	2	3	DIN 51818
Worked penetration	0.1 mm	460	420	370	320	280	240	DIN ISO 2137
Dropping point	°C	170	195	215	225	230	235	DIN ISO 2176
	°F	338	381.2	419	437	446	455	
Water resistance at +90°C/+194°F	-	0	0	0	0	0	0	DIN 51807 T. 1
Corrosion protection (SKF Emscor)	-	0/1	0/1	0/1	0/1	0/1	0/1	DIN 51802
Copper corrosion protection at +100°C/+212°F	-	1b	1b	1b	1b	1b	1b	DIN 51811

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

For further product information please contact the Technical Service of Castrol Industrie GmbH – Performance Lubrication.

Above data are based on extensive tests and practical experience. Considering the wide range of application requirements, they cannot, however, guarantee success in every single case. We therefore recommend practical trials. We reserve the right to change the product composition with a view to further improvement.

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