



Product Data Sheet

OPTIMOL OBEEN UF

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

DESCRIPTION

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

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

ADVANTAGES

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

NOTES FOR USE

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



OPTIMOL OBEEN UF

Technical data

	Unit	Value						Test method
		000	00	0	1	2	3	
OPTIMOL OBEEN UF	-	000	00	0	1	2	3	-
Article no.	-	08248	08246	08240	08254	08238	08252	-
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 Emcor)	-	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.

289e State: 05/01