

Castrol Obeen UF

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

Description

CASTROL OBEEN™ UF is a light, natural-colored special grease. It is physiologically safe and NSF 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.

Application

- 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
- CASTROL OBEEN UF 3 is also available as spray

Advantages

- OPTITEC™ - CASTROL OPTIMOL technology
- physiologically safe, NSF H1 authorized
- odourless, 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, 1 -40°C/-40°F to +140°C/+284°F
CASTROL OBEEN UF 2, 3 -30°C/-22°F to +140°C/+284°F

Typical Characteristics

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

Subject to usual manufacturing tolerances

Castrol, Obeen, and the Castrol logo are trademarks of Castrol Limited, used under licence

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Limited, Pipers Way, Swindon, Wiltshire SN3 1RE, UK
www.castrol.com/industrial