PRODUCT INFORMATION

HIGHTEC GREASEGUARD CLS 00/000

Premium, semi-fluid grease based on lithium soap with corrosion protection and extreme pressure additives. Suitable for use in central lubrication systems with long cable paths and in commercial vehicles.

Description

HIGHTEC GREASEGUARD CLS 00/000 is a semi-fluid grease produced using selected base oils and lithium-based thickeners with good corrosion protection and chemically-acting EP additives.

Application

HIGHTEC GREASEGUARD CLS 00/000 is used as a semi-fluid grease to lubricate industrial systems, even in the open, and commercial vehicles. Due to its good flowability, all areas are supplied with fresh grease, even in the case of long cable paths and at low temperatures.

The quality of this product is equivalent to EU regulations

- DIN 51 502/51 826: GP 00/000 K-50
- T[°C]: -50 ... +120
- T[°F]: -58 ... +248

Additionally this product is recommended when the following filling instructions are required

- MB 264.0
- MAN 283 Li-P00
- Willy Vogel
- Lincoln
- Tecalamit

Benefits

- Operating temperature range from -50°C to +120°C
- Very good flowability
- Good wear protection properties
- Good resistance to oxidation
- Increased pressure absorption capacity
- Good corrosion protection
- Good resistance to water

Notices

If stored appropriately in originally sealed containers in a dry place, away from direct sunlight and at temperatures between 10°C and 30°C, the minimum storage period is 24 months.

A safety data sheet is available upon request for information on health, safety and environmental aspects. A little oil separation is caused by the product's attributes and harmless.

It is desirable to a certain extent to ensure lubrication, and no indication of inferior product quality. The separated oil can be incorporated again homogenously by folding it in comprehensively.

Typical characteristics

Property	Method	Unit	Value
Classification	DIN 51 502	-	GP00/000K-50
	ISO 6743-9	-	ISO-L-X-ECEB00/000
NLGI-class	DIN 51 818	-	00/000
Thickener type	-	-	Lithium
Color	visuell	-	grün / green
Base oil viscosity at 40 ° C	ASTM D-7042	mm^2/s	45
Worked penetration	DIN ISO 2137	0,1 mm	400 - 460
Dropping point	DIN ISO 2176	°C	> 160
VKA welding force	DIN 51 350-4	N	2000
Corrosion effect on copper	DIN 51 811	Korr.-Grad	1-100
Resistance to water	DIN 51 807-1	Bew.-Stufe	1-90
Usage temperature	-	°C	-50 bis +120
Usage temperature	-	°F	-58 bis +248
Base oil	-	-	Mineralisch / mineral based

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe-oil.com).

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