

HIGHTEC GREASEGUARD NLGI 2

Universal lithium soap, mineral oil-based lubricating grease with corrosion and oxidation inhibitors as well as high-pressure additives to reduce wear. Recommended for use in rolling and sliding bearings within a temperature range of -30°C to +120°C.

Description

HIGHTEC GREASEGUARD NLGI 2 possesses outstanding walk stability, good cold flow ability and good wear protection. The carefully selected base oils and a premium lithium soap of the highest quality guarantee a walk stable lubricating grease, even in the case of longer lubricating intervals. HIGHTEC GREASEGUARD NLGI 2 has a high mechanical load-bearing capacity and protects against corrosion.

Application

Recommended for use in rolling and sliding bearings at operating temperatures between -30°C and +120°C, for example in agriculture, in heavy-goods vehicles etc. or in other sectors in which normal load levels occur.

The quality of this product is equivalent to EU regulations

- DIN 51 502/51 825: K 2 K-30
- T[°C]: -30 ... +120
- T[°F]: -22 ... +248

Benefits

- Multi-purpose grease for rolling and sliding bearings
- Good wear protection
- Outstanding resistance to oxidation
- Excellent pressure absorption capacity
- Good anti-corrosive properties
- Very 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 homogeneously by folding it in comprehensively.

Typical characteristics

Property	Method	Unit	Value
Classification	DIN 51 502	-	K 2 K-30
	ISO 6743-9	-	ISO-L-X-CCEA2
NLGI-class	DIN 51 818	-	2
Thickener type	-	-	Lithium
Color	visuell	-	braun / brown
Base oil viscosity at 40 ° C	ASTM D-7042	mm ² /s	115
Worked penetration	DIN ISO 2137	0,1 mm	265 - 295
Dropping point	DIN ISO 2176	°C	> 185
VKA welding force	DIN 51 350-4	N	2000
Corrosion protection (Emcor)	DIN 51 802	Korr.-Grad	0-0
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	-30 bis +120
Usage temperature	-	°F	-22 bis +248
	-	-	Mineralisch / mineral based

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