

RENOLIT HI-TEMP 220

Special synthetic EP grease

Description

RENOLIT HI-TEMP 220 is a fully synthetic special lubricating grease with lithium complex soap.

RENOLIT HI-TEMP 220 has a low friction coefficient to reduce starting and running torque, and to improve its efficiency.

RENOLIT HI-TEMP 220 has excellent anti-corrosion properties even under adverse environmental factors (moist, aggressive atmosphere and water).

RENOLIT HI-TEMP 220 is very aging resistant, resists high thermal loads, is work stable and water resistant.

Application

RENOLIT HI-TEMP 220 is used in a wide temperature range for lubrication of plain and roller bearings of, e.g. paper mills (wet sector), truck hub units, and cardan shafts.

Advantages

- Temperature range -40 °C to +140 °C
- With constant lubrication applicable up to +200 °C
- Good aging resistance
- Excellent corrosion protection
- Good anti-wear properties
- Low friction coefficient

Shelf Life

The minimum shelf life is 36 months if the product is properly stored between 0°C and 40°C in its unopened original container in a dry place. The indication of a minimum shelf life does not include any guarantee of durability.

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Characteristics

Properties	Unit	Data	Test method
Classification	-	KPHC 2 N-40 ISO-L-X-DDFB 2	DIN 51 502 ISO 6743-9
Colour	-	Ivory	-
Thickener	-	Lithium complex soap	-
Dropping point	°C	≥ 250	IP 396
Worked penetration (Pw 60)	0.1 mm	265 - 295	DIN ISO 2137
NLGI-grade	-	2	DIN 51 818
Corrosion protection properties (SKF-Emcor-Test with dist. Water)	degree of corr.	0 – 0	DIN 51 802
Water resistance	eval.-stage	1 – 90	DIN 51 807-1
Four-ball welding load	N	2600	DIN 51 350-4
Flow pressure -40°C	hPa	≤ 1400	DIN 51 805-2
Oil separation at 18h / 40°C	%	≤ 2	DIN 51 817
Base oil viscosity at 40°C at 100°C	mm²/s	220 25	FLV-V-28*
Temperature range	°C	-40 up to +140	DIN 51 825

* FLV = FUCHS laboratory test method