RENOLIT H 443-HD 88

EP High Performance Grease

Description

RENOLIT H 443-HD 88 is a lithium soap based, heat-resistant, water-repellent and easily pumpable grease with very effective additives increasing the pressure absorption capacity of the lubricating film.

RENOLIT H 443-HD 88 contains additives to improve corrosion protection, aging resistance and adhesiveness. Its green colour helps to distinguish it from other lithium soap greases (multipurpose lubricants).

Application

RENOLIT H 443-HD 88 is used for lubricating plain bearings and roller bearings operating under high load, at high temperatures and in a humid atmosphere. It is also suitable for lubricating roller bearings operating at temperatures until +140°C under specific high strain, in particular strain produced by shocks and vibrations e.g. in unbalanced motors, vibrating screens, vibrators, soil tampers and electrical machines.

RENOLIT H 443-HD 88 can be applied for lubricating plain bearings if the grease is supplied by Stauffer grease cups, lubricating nipples or centralized greasing systems.

RENOLIT H 443-HD 88 features extreme adhesiveness resulting in good suitability for high loads produced by shocks in a wide speed range.

Advantages

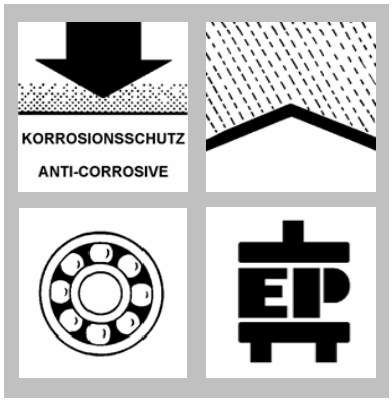
- Extremely adhesive
- Water resistant
- Good corrosion protection
- Aging resistant
- Highly loadable
- Easily pumpable
- Suitable for oscillating movements

Specifications/Approvals

- RWE Rheinbraun
- Flender
- SKF

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.



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Characteristics

Properties	Unit	Data	Test method
Colour	-	green	-
Thickener		lithium-soap	-
Dropping point	°C	> 180	IP 396
Worked penetration (Pw 60)	0.1 mm	250 - 265	DIN ISO 2137
NLGI-grade	-	3/2	DIN 51 818
Corrosion protection properties (Emcor-test) standard 3% NaCl-solution	degree of corr.	 0 - 0 2 - 2	DIN 51 802
Four-ball method, welding load	N	2600	DIN 51 350-4
Water resistance	Eval.-stage	1 – 90	DIN 51 807-1
Base oil viscosity at 40 °C	mm²/s	130	DIN 51 562-1
Temperature range	°C	-30 up to +140	-

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