

RENOLIT H 443

Description

RENOLIT H 443 is a soft, smooth, water resistant, very temperature stable and good pumpable lithium soaped multipurpose grease.

RENOLIT H 443 contains additives to improve its corrosion protection, aging resistance, adhesiveness, wear protection, EP, and low-temperature characteristics.

Application

RENOLIT H 443 is used

- for roller bearing lubrication at operating temperatures up to about 130°C, with medium-range stresses and speeds according to bearing size, e.g. in electric motors, machine tools, transport systems, processing machines, hot-air blowers, drying equipment, drying cylinders in the paper industry, finishing machines in the textile industry, etc.
- for slide bearing lubrication with supply through Stauffer lubricators, lubricating nipples or central lubricating systems at operating temperatures up to about 130°C, with medium-range stresses and at speeds that are usual for slide bearings, e.g. in machines and systems, especially with elevated bearing temperature and water entry or in damp environments, baggers, earth moving equipment, etc.

Benefits / Advantages

- Multipurpose grease
- Temperature stable
- Water resistant
- Aging resistant
- Anticorrosive
- Wear reducing
- Good adhesiveness
- Good pumpable

Specifications

- OPEL B 040 0625
- DSK
- ThyssenKrupp Stahl

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	-	K 3 K-30 ISO L-X-CCEA 3	DIN 51 502 ISO 6743-9
Colour	-	Light brown	-
Thickener	-	Lithium soap	-
Dropping point	°C	≥ 180	IP 396
Worked penetration (Pw 60)	0.1 mm	220 - 250	DIN ISO 2137
NLGI-grade	-	3	DIN 51 818
Corrosion protection properties (SKF Emdor test)	degree of corr.	0 - 0	DIN 51 802
Base oil viscosity at 40°C at 100°C	mm ² /s	100 10	DIN 51 562-1
Temperature range	°C	-30 up to +130	DIN 51 825