

VOLTRONIC® NLGI-2 HT Lithium Complex Grease

VOLTRONIC® Lithiumkomplexeisenfett

VOLTRONIC® NLGI-2 HT LITHIUM COMPLEX GREASE is heavy duty EXTREME PRESSURE (EP) grease used for lubrication of mechanically and thermally very loaded rolling and sliding type bearings. This product also recorded good success for lubrication roller bearing in steel rolling mill, special formulated and designated to be use for high temperature applications and high load application compare conventional lithium grease. Guaranteed long service life and lead to use lesser of grease amount.

Country of Origin

Germany

**Features**

Grease lubrications for severe Extreme Pressure (EP) applications, high thermal, high load, sliding, rolling mechanical or bearings.

- Excellent wear protection.
- Stable high drop point.
- Excellent Corrosion protection.
- Excellent Oxidation protection.
- Excellent water resistant and water repellent.
- Excellent adhesiveness to Metal.
- Manufacture and packed in Germany according to DIN standard test.

Application areas

- Steel mills (slipper drives).
- Cement mills (fifth wheels, ball mill gears).
- Dredger vessel (suction jaws lubrication).
- Oil & gas rig (where need anti-corrosion resistant and high load).
- Forklift.
- Automotives.
- Heavy duty vehicles.
- Power plants.
- Sea ports.
- Air ports.
- Army equipments.
- Fishing industries.

Other applications where need lubrications for heavy duty, Extreme Pressure (EP), high thermal, high adhesiveness to metal and excellent corrosion protection.

Specific application area

- Axles and bushing.
- Bearings.
- Open gears.
- CV and universal joints.
- Sliding blocks.
- Pillow blocks.
- Chassis lubrications.
- Conveyors joint.

Physical and Chemical Properties

State	: Paste
Color	: Yellow-tan
Odor	: Characteristic odour
Solubility in water	: Insoluble
Flash point	: >220°C
Relative density	: 1.0

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Technical Data

Color	:	Yellow-tan (cream)
NLGI class (DIN 51 818)	:	2
Working Temperature	:	- 20°C to +150°C
Drop point (DIN ISO 2176)	:	> 220°C
Walk penetration (DIN ISO 2137) 60 piston double stroke	:	0,1mm
60,000 piston double stroke	:	280 300
Flowing pressure at - 20°C (DIN 51 805)	:	1100 hPa
Ölabscheidung (DIN 51 817) Maximum separation grease to oil	:	1.5%
Water resistant (DIN 51 807/T1)	:	Rating 1
Oxidation resistant 100°C / 100h (DIN 51 808)	:	0,2 Bar
Anti-corrosion Protection (DIN 51 802) (EMCOR)	:	0/0
Four ball test weld load (DIN 51 305/T4)	:	4600 N

Available packaging

- Cartridge.
- Tube.
- 1 Kg.
- 25 Kg.
- 48 Kg.
- 180 Kg.

All packaging are UN certified according to German and European regulations.

Handling and Safety

ADR / RID

UN no: NA

Shipping name: Not classified as Dangerous in the meaning of transport regulations.

IMDG / IMO

UN no: NA

Marine pollutant: No

IATA / ICAO

UN no: NA

Manufactured and packed in Germany by



Since 1964

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