



Image may differ from product. See technical specification for details.



LGHB 2/50

High load, high temperature, high viscosity bearing grease

A high viscosity, mineral oil based grease, using the latest complex calcium-sulphonate soap technology. Formulated to withstand high temperatures and extreme loads, it is suitable for a wide range of applications, especially in cement, mining and metal segments. This grease contains no additives and the extreme pressure properties arise from the soap structure.

- Excellent load capacity, anti-oxidation and corrosion protection even with large water ingress
- Withstands high peak temperatures

Ask AI

Overview

Dimensions

Corrosion protection, Emscor, ISO 11007, Distilled water	0-0
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Performance

Suitable for High load applications	●●●●●●
Suitable for Vertical shaft applications	●●●●●●
Suitable for applications with Oscilating movements	●●●●●●
Suitable for applications with Severe vibrations	●●●●●●
Suitable for applications that require Rust protection	●●●●●●
Suitable for applications that require Water resistance	●●●●●●
Suitable for applications that require Frequent start-up	●●●●●●
Operating temperature range	-4 – 302 °F
Load Range	Low - Very High C/P >0
Speed Range	Very low - Medium
Dropping point (min) ISO 2176	572 °F
Penetration DIN ISO 2137, Worked, 60 strokes (10 ⁻¹ mm)	265 - 295
Penetration DIN ISO 2137, Prolonged (max.), 100 000 strokes, 10 ⁻¹ mm	-20 to +50
Mechanical stability - Roll stability, ASTM D1831 (max.) 50 hrs at 80°C, 10 ⁻¹ mm	-20 to +50
Mechanical stability, V2F test, 144 hrs	M
Corrosion protection, Emscor, ISO 11007 modified, Water washout	0-0
Corrosion protection, Emscor, ISO 11007 modified, 0.5% NaCl	0-0
Water resistance (max.) DIN 51807/1, 3 hrs at 90 °C	1
Oil separation DIN 51817, 40°C, %	1-3 at 60°C
Lubrication ability, R2F test B at 120°C	Pass at 140°C
Copper corrosion (max.) DIN 51811 /ASTM D4048, 24 hrs at 100°C	2 max. at 150°C
Rolling bearing grease life (max.) ROF test, L50 life, 10000 r/min, hrs at °C	1000 at 130°C
EP performance - 4 ball - Wear scar (max.) DIN 51350/5, 1400N	2 in
EP performance - 4 ball - Weld load (min.) DIN 51350/4	4000 lbf

Properties

Recommended applications	Plain bearings Conveyors Applications with high loads and low speed
Category	Bearing grease
Lubricant	LGHB 2
NLGI consistency class	2
Base oil viscosity DIN 51562 at 40 °C	425 mm ² /s
Base oil viscosity DIN 51562 at 100 °C	27.5 mm ² /s
Biodegradable	No
DIN 51825 code	KP2N-20
Thickener	Calcium sulphonate complex
Colour	Brown
Base oil type	Mineral
Shelf life	5 year

Available for single point lubrication	yes
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Logistics

Product net weight	110 lb
eClass code	23-06-01-01
UNSPSC code	15121902

Compatible products

Recommended product

High load, high temperature, high viscosity bearing grease	LGHB 2/0.4
High load, high temperature, high viscosity bearing grease	LGHB 2/5
High load, high temperature, high viscosity bearing grease	LGHB 2/18
High load, high temperature, high viscosity bearing grease	LGHB 2/180
SKF SYSTEM 24, gas driven single point automatic lubricator	LAGD 60/HB2
SKF SYSTEM 24, gas driven single point automatic lubricator	LAGD 125/HB2
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricator	LGHB 2/SD125
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricator	LGHB 2/SD250
SKF SYSTEM 24 single point lubricator	TLSD 125/HB2
SKF SYSTEM 24 single point lubricator	TLSD 250/HB2
Refill cartridge grease filled, with battery for Electro-mechanical single point lubricant dispenser	LGHB 2/MR380B
Refill cartridge grease filled, without battery for Electro-mechanical single point lubricant dispenser	LGHB 2/MR380

Recommended tool

Air-driven grease pump for use on grease drums, stationary	LAGG 50AF
Grease filler pump for use on drums	LAGF 50
Grease trolley for grease drums/ pails, for Air-driven grease pumps	LAGT 18-50F
Air-driven grease pump for use on grease drums, stationary	LAGG 50AE
Grease trolley for grease drums/ pails, for Air-driven grease pumps	LAGT 18-50



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