



perma MULTI BLUE LC 220-2 (PSF721)

Roller bearings, sliding bearings, sliding guides and shaft seals

Advantages for your applications

- High performance multipurpose grease
- Wear-reducing EP additives
- Protection against aging and oxidation
- High resistance to water washout
- Excellent corrosion protection
- Excellent resistance to oil bleed
- Free of heavy metal and silicone

Description

perma MULTI BLUE LC 220-2 (PSF721) is a modern multipurpose grease based on proven mineral oils and additives. The lithium / calcium mixed soap thickener delivers the positive performance benefits of both soap types.

perma MULTI BLUE LC 220-2 (PSF721) is oxidation resistant and provides effective protection against wear and corrosion. The inclusion of calcium soap thickener provides significant performance benefits relating to water washout resistance and resistance to oil bleed.

Application

perma MULTI BLUE LC 220-2 (PSF721) is a multipurpose grease for rolling element and plain bearings. The performance related characteristics of the EP additives, lithium / calcium mixed soap thickener, NLGI 2 consistency and ISO VG 220 mineral oil content make it ideally suited to a broad range of bearing lubrication applications including conveyor pulley, pump and fan bearings.

The excellent resistance to water washout of perma MULTI BLUE LC 220-2 (PSF721) makes it especially well suited to the lubrication of conveyor pulley bearings and slurry pump bearings operating in wet conditions, as might be experienced in coal preparation plants and other wet plant operations.

The exceptional resistance to oil bleed of perma MULTI BLUE LC 220-2 (PSF721) makes it highly suitable for use in automatic lubrication systems, especially in operating conditions of high ambient temperatures where some lithium soap and lithium complex thickened grease may not be resilient against oil bleed.

Application information

perma MULTI BLUE LC 220-2 (PSF721) was especially developed for perma lubrication systems. It can be ordered from perma-tec in a perma lubrication system.

Greases with lithium / calcium mixed soap thickeners generally have good compatibility with lithium soap and lithium complex thickened greases. Consult your lubricant supplier before mixing grease types.

Shelf life

Shelf life is approx. 12 months if the product is stored in its unopened original container in a dry and frost-protected place.

Packaging

- perma lubrication systems
- Cartridge 400 g
- Pail 1 kg
- Pail 5 kg



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Product data

Base oil	mineral oil
Thickener	Li / Ca
Base oil viscosity, DIN 51562, at 40 °C, mm ² /s at 100 °C, mm ² /s	220 6,5
Color	blue
Density, DIN 51757, at 20 °C, g/cm ³ , approx.	0,93
Drop point, DIN ISO 2176, °C	> 170
Penetration at 25 °C, DIN ISO 2137; 0,1mm approx.	265 - 295
Speed factor, (rpm x dm), approx.	300000
Consistency, NLGI grade, DIN 51818	2
Service temperature range, °C	- 30 to 130
Water resistance, DIN 51807-1	0 - 90
Marking, DIN	KP2K-30
KA-Test, N, DIN 51350	< 2600
FAG FE 9 A/1500/6000/130, h, DIN 51821-2	150