

Alfagrease

Li

Product Description

ALFAGREASE Li is lithium based, multipurpose grease, which contains extreme pressure additives, oxidation, rust and corrosion inhibitors. It insures exceptional resistance to shock loads and remains relatively constant over wide range of operating temperatures. The ALFAGREASE Li grease, recovers its normal appearance even if its drop point is exceed and is very stable for long storage periods.

Performance Features

- Excellent resistance to water washing
- Effective rust protection and corrosion resistance
- Superior lubrication under heavy or shock loading
- Long service life in bearings at temperatures up to +130°C
- Outstanding load-carrying ability
- Easy flow in centralized systems

Application

ALFAGREASE Li greases are recommended to be used as multipurpose grease, in plain and rolling element bearings, working at speeds from 500 to 6000 RPM, where severe vibration presents a problem. They are also suitable for bearings operating continuously at high pressures and at temperatures ranging from -30°C to +120°C. Regarding Alfagrease Li 0 and Li 1 and due to their very good pump ability, they are recommended as ideal greases for centralized lubricating systems.

ALFAGREASE Li can be applied manually, or by using a standard grease gun. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge bearings prior to application. Apply the quantity of grease recommended by the bearing manufacturer.

ALFAGREASE Li exceeds the following specification:

- **DIN** 51825 KP2N-30
- **ISO** 6743/9 L-XCDHB2

Typical Properties:

NLGI grade	0	1	2	3
Colour/appearance	Amber	Amber	Amber	Amber
Texture	Smooth	Smooth	Smooth	Smooth
Soap Type	Lithium	Lithium	Lithium	Lithium
Dropping point °C	180	190	190	190
Worked penetration at 25 °C, 1/10mm	355-385	310-340	265-295	220-250
Operating Temperatures, °C	-30 to +130	-30 to +130	-30 to +130	-30 to +130

Note:

The above information is indicative based on current production and does not constitute a specification. Results can be affected by allowable production tolerances, not affecting performance.