

Technical Data Sheet

Grease F02

High-performance lubricating grease NLGI class 2 with NSF H1 approval

Product description:

The F02 grease is a high-pressure and water-resistant high-performance lubricating grease for the food and pharmaceutical industries made from overbased calcium sulfonate complex thickener and a medicinal white oil. F02 is characterized by excellent resistance and good corrosion protection even in contact with brines, acids, alkalis and sanitary cleaners. F02 retains its consistency even when exposed to water. As a result, F02 achieves a very good sealing effect on the lubrication points. F02 has excellent thermal stability as well as very good load-carrying capacity and excellent wear protection.

F02 can be pumped very well in automatic relubrication systems and is stable to bleeding.

Technical Details:

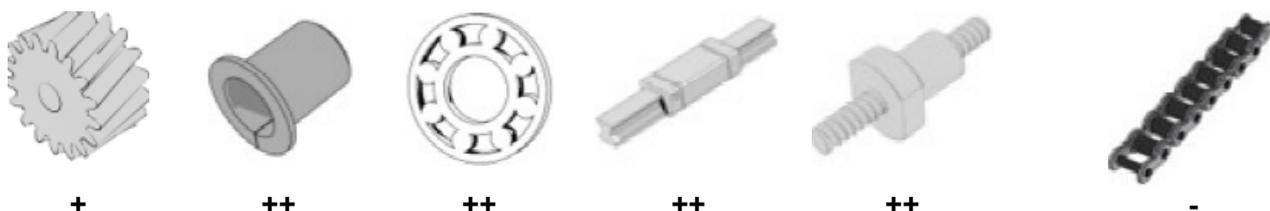
Property	Value/characterisation	Standard
Colour	beige/smooth	-
Smell	neutral	-
Classification	KP2R-25	DIN 51825
Density at +15° C	0.95 g/cm ³	DIN 51757
Oil base	Medical white oil	
Viscosity of the basic oil (40°C)	100 mm ² /s	DIN 5162-1
Thickener	Calcium sulfonate complex	
Drip point	>300°C	DIN ISO 2176
NLGI class	2	DIN 51818
Temperature application range	-25°C ... +180°C	
Water resistance at 90°C / 3h	1	DIN 51807 T1
Corrosion protection against steel	0-0	DIN 51802
Corrosion protection against copper	1-120	DIN 51811
Oil separation at +40°C / 18h	<4%	DIN 51817
Conveyability in lubricating systems	-10°C ... +80°C	-
NSF reg. no.	131003	

Miscellaneous:

The grease does not attack normal metals, varnishes, plastics and mineral oil-resistant seals. Mixability of the grease with other greases can be clarified by consultation.

Soiling and residue must be removed as well as possible to prepare the lubrication point, special cleaners are not required.

Recommended applications:



Legend: ++ very good | + good | o suitable | - unsuitable

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Available containers:

125ml cartridge F02	FlexxPump 125 series	Part. No.:	000-102-101
250ml cartridge F02	FlexxPump 125 series	Part. No.:	000-102-102
250ml cartridge F02	FlexxPump 250 series	Part. No.:	000-102-103
400ml cartridge F02	FlexxPump 400 series	Part. No.:	000-102-105
1500ml bellows F02	FlexxPump 1500	Part. No.:	000-102-115
400ml grease press F02	DIN 1284; e.g. for pre-filling	Part. No.:	000-102-220
1kg can F02	e.g. for pre-greasing	Part. No.:	000-102-210
Pre-filled hose F02	Ø 6x4; maximum 5m long	Part. No.:	134-003-002

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