

## Technical Data Sheet Grease F09

Spindle bearing grease NLGI class 2

### Product description:

The DLS F09 grease is an optimum grease for lubricating fast-revolving roller bearings. It has a very well suited NLGI class 2 for continuous lubrication and grease relubrication.

With the good balance between the thickener system and the basic oil it also offers good run-in properties for spindle bearings in addition to the good wear and corrosion protection. The accurate matching of the components makes it very suitable for automatic relubrication. Because of the extremely low basic oil viscosity of 22 mm<sup>2</sup>/s (40°C) it is also suitable as a grease for lubrication of fast-running slide bearings, guides and extremely fast gear tooth systems in addition to its use for lubricating high-speed bearings.

### Technical Details

Property	Value/characterisation	Standard
Colour	beige	-
Smell	neutral	-
Classification	KP 2K-30	DIN 51502
Density at +15° C	0.90 g/cm <sup>3</sup>	DIN 51757
Oil base	Mineral oil with additives	
Viscosity of the basic oil (40°C)	22 mm <sup>2</sup> /s	DIN 5162-1
Thickener	Lithium special soap	
Drip point	>160°C	DIN ISO 2176
NLGI class	2	DIN 51818
Temperature application range	-30°C ...+150°C	
Speed parameter n*dm (ball bearing)	1.600.000	
Noise class (MGG11)	II / 1 to III / 1	
Oil separation at +40°C / 18h	< 1%	DIN 51817
Conveyability in lubricating systems	-15°C ... +80°C	

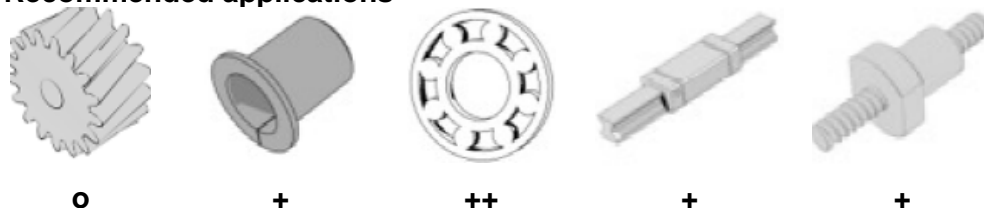
### Available containers

125ml cartridge F09	FlexxPump 125 series	Part. No.: 000-109-101
250ml cartridge F09	FlexxPump 125 series	Part. No.: 000-109-102
400ml cartridge F09	FlexxPump 400 series	Part. No.: 000-109-105
400ml grease press F09	DIN 1284; e.g. for pre-filling	Part. No.: 000-109-220
1kg can F09	e.g. for pre-greasing	Part. No.: 000-109-210
Pre-filled hose F09	Ø 6x4; maximum 10m long	Part. No.: 134-003-009
Pre-filled hose F09	Ø 8x5; maximum 10m long	Part. No.: 134-008-009

### 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

These data and information correspond to the latest state of knowledge and our development. However, they represent no promise of properties or a guarantee for the suitability of the products in the individual case. We reserve the right to change the data in this technical information and to make technical modifications at any time and without prior notice.