



Eni Longtime Grease 2

Eni Longtime Grease 2 is a beige-colored, mineral EP grease (zinc-containing) with a wide operating temperature range, lithium soap based with EP additives.

Characteristics (typical values):

Eni Longtime Grease 2	Unit	Value	Test method
NLGI consistence class		2	
Soap		Li	
Working temperature range	°C	-35 bis + 135	
Drop point	°C	190	DIN ISO 2176
Behaviour against water Rating at test temperature	step	1 - 90	DIN 51 807 T. 1
Designation		KP 2 K-30	DIN 51 825 T. 3

Properties and Performance:

Eni Longtime Grease 2 is a long-time grease with very good working stability and excellent adhesive properties and pressure absorption. Suitable corrosion inhibitors also enable the application outside and in humid surrounding. Even flowing water cannot wash this grease off. EP agents increase the lubricity so that at highest pressures, such as heavy loaded bearings, minor grease quantities ensure a sufficient lubrication.

Eni Longtime Grease 2 has an especially high ageing stability and excellent sealing effect. The product is a real long-time grease that doesn't tend to bleeding or consistency fatiguee even during long service time.

Applications:

Eni Longtime Grease 2 is good suitable for sliding bearings, however especially for roller bearings with low up to high number of revolutions. Its application as long-time grease includes machines of the constructional industry such as sieve shaker, transport equipment, tampers and vibration sieves, also with oscillating vibrations. Further application possibilities are in processing plants such as impact mills, hard material crushing machines, jaw breakers, stone presses and mixing drums. Especially in construction companies, gravel strip mining and stone quarries with earth moving machinery, such as caterpillars, excavators and dredgers, chain blocks, road finishers and in the agriculture this product is field well-ried and proven.

As far as possible a mixing of greases based of different soap basis should be avoided, since due to that the special properties could be impaired.

Please observe the manufacturer's specifications when selecting products.



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Additional physical-technical data:

Eni Longtime Grease 2	Unit	Value	Test method
Working penetration	0,1 mm	265-295	DIN ISO 2137
Corr. protection properties	Corr.-grade	0-0	DIN 51 802
accord. to the SKF-Emcor-test	Corr.-grade	1	DIN 51 811
Corrosion effect on copper at 120°C	mg/kg	1-120	DIN 51 813 T.1 (mod)
Content of solid foreign materials over 25µm	weight %	<0,1	DIN ISO 3733
Water content			
VKA welding load	N	2400	DIN 51 350 T.4
Base oil Viscosity at 40°C	mm ² /s	approx. 270	DIN 51 562
Designation		KP 2 K	DIN 51 502

Spezifications:

DIN 51 825 T.3
 ISO-L-XCCEB 2
 KP 2 K-30