

Eni Longtime Grease 2

Eni Longtime Grease 2 is based on lithium-calcium-soap basis with synthetic base oil and EP additives.

Characteristics (typical figures):

Eni Longtime Grease 2	Unit		Test method
NLGI consistence class		2	
Soap		Li/Ca	
Working temperature range	°C	-35 to +135	
Drop point	°C	190	DIN ISO 2176
Behaviour against water	step	1 - 90	DIN 51 807 T. 1
Rating at test temperature			
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. Due to the proportion of synthetic oil this grease has a relatively wide working temperature range that is also fully maintained at very low outside temperatures. 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 fatigue 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. As well for extremely high loaded and under unfavourable conditions running heavy machines. 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-tried 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		Test method
Working penetration	0,1 mm	265-295	DIN ISO 2137
Corr. protection properties accord. to the SKF-Emcor-test	Corr. grade	0	DIN 51 802
Corrosion effect on copper at 120°C	Corr. grade	1	DIN 51 811
Content of solid foreign materials over 25µm	mg/kg	< 20	DIN 51 813 T.1 (mod)
Water content	weight %	< 0,1	DIN ISO 3733
VKA welding load	N	2400	DIN 51 350 T.4
Base oil Viscosity at 40°C	mm ² /s	approx. 300	DIN 51 562
Designation		KP 2 N	DIN 51 502

Specifications:

DIN 51 825 T.3
KP 2 K-30