

Eni Grease PHT DE

Mineral high-temperature EP grease with polyurea thickener.

Characteristics (typical figures):

Eni Grease PHT DE	Unit	Value	Test method
NLGI-consistency class		1-2	DIN 51 818
Thickener		Polyurea	
Working temp. range	°C	-20 bis +180	
Drop point	°C	280	DIN ISO 2176
Behaviour against water Rating at test temperature	step	1 - 90	DIN 51 807-01
Designation VKA welding force	N	2800	DIN 51 350-04
Base oil viscosity at 40°C	mm ² /s	460	DIN 51 562-01
Full penetration after 60 DH	0,1 mm	285 - 315	DIN ISO 2137
Corrosion protection properties according to the SKF-Emcor process		0-1	DIN 51 802
Corrosive effect on copper at 120°C	corr.-grade	1	DIN 51 811
Designation		KP 1-2 R-20	DIN 51 502

Properties and Performance:

- walking stable
- high pressure capacity
- very water resistant
- highly thermally resilient
- anti-corrosion
- oxidation resistant
- good compatibility with elastomers
- easy to convey with central lubrication systems

Eni Grease PHT DE withstands long-term extreme environmental conditions such as dust, dirt, moisture and water.

Applications:

Eni Grease PHT DE is for the lubrication of rolling and plain bearings subject to high pressure and shock loads at high bearing temperatures. It was developed specifically for use in wood pelleting.

If possible a mixture of greases with different soap basis has to be avoided since the special qualities can get lost.