



TURMOGREASE HDC 1

K P 1 N -30



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TURMOGREASE HDC 1 is a calcium sulfonate complex soap grease based on mineral oil with an extraordinary resistance to water and media. Under constant water influence this grease is neither washed out nor softening.

Special properties

- High load carrying capacity
- High metal affinity
- Ideal working stability and water resistance
- Good friction and wear characteristics
- Remarkable high temperature properties
- Very good corrosion protection
- Conveyable in central-lubrication systems

Product Characteristics	Value	Dimension	Norm / Standard
Colour	brown		
Density at 20°C	0,96	g/cm ³	DIN 51757
Operating temperature range	-30 to 150	°C	
Upper operation temperature (temporary)	200	°C	
Thickener	Calcium sulphonate complex soap		
Base oil	Mineral oil		
Kin. viscosity of the base oil at 40°C	410	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	26	mm ² /s	DIN EN ISO 3104
Worked penetration	310 – 340	mm/10	DIN ISO 2137
Consistency class (NLGI)	1		DIN 51818
Dropping point	> 250	°C	DIN ISO 2176
Resistance to water	1 – 80		DIN 51807
Corrosion protection (SKF-Emcor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	300 000	mm/min	

Application

TURMOGREASE HDC 1 is specially suitable for rolling and sliding bearings under vibrations, shock and compressive stress, specially at increased bearing temperature and load, in conveyor systems, dryers, stone crushers, in large capacity excavators, in shredder machines, in treatment plants and fans.

TURMOGREASE HDC 1 is used as a roller and sliding grease for low and medium bearing speeds in the steel and mining industry.

Packaging units

20 x 400 g cartridges, 6 x 1 kg cans, 25 kg hobbock, 180 kg drum



The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.

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