



*Product*information

DN 200 High performance grease

High performance multi-purpose grease with extraordinary characteristics

APPLICATIONS:	<p>long-term lubrication in all machine and vehicle areas</p> <ul style="list-style-type: none">• under exposure to the elements, wet, dust, vibration, impact and high pressure load• under normal and difficult working conditions• in wet areas in the paper and textile industries, in filling stations and leather processing• in shipbuilding, harbours and dockyards, barrages and lifting equipment• for maintenance-free, long-term lubrication of industrial machines, vehicles, building machinery, cranes and fork lifts• for use at high temperatures in autoclaves, ventilator bearings, deflexion pulleys, guideways and joints• to reduce the range of different products required!!
PRODUCT DESCRIPTION:	<p>'DN 200' is a water-resistant, thermostable, high pressure grease; adhesive with a broad range of applications, based on a special complex-soap combination.</p> <p>'DN 200' does not contain heavy metals or any other materials which may be harmful to one's health or the environment.</p>
PERFORMANCE RANGE:	<ul style="list-style-type: none">• excellent mechanical stability in rolling and sliding bearings• extremely high load carrying capacity due to EP and wear prevention characteristics• excellent thermic stability – drop point >290°C (when it has cooled back down to room temperature it returns to its original texture)• excellent water resistance – even after absorption of 20% water, the consistency class continues to be sustained• top class oxidation and corrosion protection, even under the influence of salt water, hot water and steam• Temperature range for application: -25 to + 160°C
INSTRUCTIONS	<p>As is usual for grease.</p> <p>Cover the parts to be lubricated with a thin and even film.</p> <p>Rolling bearings should not be filled by more than half.</p> <p>Under high temperatures the rolling bearings should only be filled to a maximum of 40%.</p> <p>The bearing manufacturer's instructions should be observed</p>

ORDER INFORMATION	Order no.	Contents	Type of container
	03-101 001	400 g	1 box = 24 units
	03-101 005	5 KG	1 metal can
	03-101 015	15 KG	1 hobbock
	03-101 025	20 KG	1 hobbock

TECHNICAL DATA:



'DN 200'

	Characteristics	Unit	Testing procedure
Colour	brownish	-	visual
Type of saponification	Calcium-sulphanate complex		
NLGI grade	2		DIN 51 818
Worked penetration W 60	285	0.1 mm	ISO 2137
Drop point	290	°C	ISO 2176
4-ball test weld load	4,600	N	DIN 51 350
Base oil viscosity / 40°C	180	mm ² /s	DIN 51 562
Flash point (base oil)	200	°C	DIN 51376
Water resistance at 20/50/90 °C	totally resistant	-	DIN 51 807
Water washout loss:	weight %	<1.0	ASTM D 1264
Corrosion protection SKF-Emcor-Test	no corrosion	0/0	DIN 51 802
Operating temperature range :	-25 to 180	°C	
Short-term:	up to 200	°C	-
Long-term:	up to 160	°C	-
DN factor	500,000		
Classification	KP 2N - 25		DIN 51 502

This information has been carefully compiled and corresponds with the current state of development. We reserve the right to make changes in the interests of progress and further development. No obligation, of any kind, can be derived from this information.