

URETHYN CC 2-1

Mineral oil-based polyurea grease

Performance Features

- temperature range: -20 / +180 °C
- very broad temperature range
- excellent work stability
- good ageing resistance
- good water resistance
- largely resistant to many aggressive media
- very good corrosion protection
- long grease life
- good pumpability in central lubrication systems
- reduces friction and wear; excellent EP properties



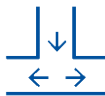
roller bearings



plain bearings



high
temperatures



good
pumpability



EP properties



corrosion
protection

Description

URETHYN CC 2-1 is a yellowish-brown, mineral oil-based grease with a homogeneous and soft structure and a polyurea thickener. Specifically selected additives improve the corrosion protection properties and the load carrying capacity.

Field of application

URETHYN CC 2-1 is used for the lubrication of plain and roller bearings at elevated temperatures, especially in the steel industry for continuous casting plants, as well as for other bearings subject to high temperatures, humidity or higher specific loads.

Method of application

URETHYN CC 2-1 can be applied manually or via centralized lubrication systems. It is easily pumpable even through very long supply lines. Contamination with other greases, which occurs when changing over to URETHYN CC 2-1, normally does not cause any problems. Please observe bearing and machine manufacturers' recommendations.

Note

URETHYN CC 2-1 is approved by the German Steel Industry Association VDEh according to its standard SEB 181 255.

Technical Data: URETHYN CC 2-1

Characteristics	Value	Unit	Test Method
Reference	KP1R-20		DIN 51502
Colour	yellow-brown		
Temperature range	-20 / +180	° C	DIN 51825 / LLS 134
Base oil	min		
Thickener	PU		
Base oil viscosity [40°C]	460	mm ² /s	DIN 51562-1
NLGI grade	1		DIN 51818
Dropping point	>230	° C	DIN ISO 2176
Water resistance	1-90	rating	DIN 51807-1
Oil separation [40 °C, 7 d]	<5	%	DIN 51817
Copper strip test	1-120	rating	DIN 51811
EMCOR [dist. Water]	0/0	rating	DIN 51802

LLS = LUBRITECH Laboratory Specification
Typical for current production. Variations in these characteristics may occur.

Product Information



LUBRITECH
Special Application Lubricants

As far as we know this information reflects the current state of knowledge and our research. It cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Please be aware that our products must not be used for applications in nuclear primary circuits or on-board aerospace systems. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

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