

URETHYN MP 2

Mineral oil-based polyurea grease

Performance Features

- temperature range: -20 / +180 °C, short-term up to +200 °C
- very broad temperature range
- excellent work stability
- good stability against ageing
- excellent EP properties
- outstanding water resistance
- resistant to most aggressive media
- very good corrosion protection
- long life
- very good pumpability in centralized lubrication systems



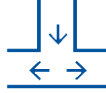
roller bearings



plain bearings



high temperatures



good pumpability



EP-properties



anticorrosive

Description

URETHYN MP 2 is a yellowish-brown, mineral oil-based grease with a homogeneous and soft structure. URETHYN MP 2 contains a polyurea thickener.

Field of application

URETHYN MP 2, as a high temperature grease, is designed for plain and roller bearing applications in for example, hot bearing lubrication on road pavers, electric motor bearings with very long re-greasing intervals, low-maintenance ventilator bearings, roller bearings in continuous casting plants, pump, ventilator and compressor bearings in the chemical industry.

Method of application

URETHYN MP 2 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 MP 2, generally causes no problems. Observe bearing and machine manufacturers' recommendations.

Technical Data: URETHYN MP 2

<u>Characteristics</u>	<u>Value</u>	<u>Unit</u>	<u>Test Method</u>
Reference	KP2R-20		DIN 51502
Colour	yellow-brown		
Temperature range	-20 / +180	° C	DIN 51825 / LLS 134
short term up to	+200	° C	
Base oil	min		
Thickener	organic		
Base oil viscosity [40°C]	460	mm ² /s	DIN 51562-1
NLGI grade	2		DIN 51818
Dropping point	230	° C	DIN ISO 2176
Water resistance	1-90	rating	DIN 51807-1
Copper strip test	1-100	rating	DIN 51811
EMCOR [dist. Water]	0/0	rating	DIN 51802
Four Ball Test welding load	2600/2800	N	DIN 51350-4
TIMKEN OK-load	40	lbs	ASTM D 2509
FAG-FE 8 test [ang. cont ball 7.5 min-1/80 kN]	mw10=0,4, mw50=0,4	mg	E DIN 51819
Qualitative rating	very good		

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

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. 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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