

URETHYN E 2

High-temperature grease containing an organic thickener

Performance Features

- temperature range: -20 / +200 °C
- extraordinary thermal stability
- minimum oil separation and evaporation tendency
- good stability against ageing
- excellent lubricity in a broad temperature range
- protects against corrosion
- compatible with cataphoretic painting lacquers



high
temperatures



transport
equipment



plain bearings



roller bearings

Description

URETHYN E 2 is a soft, homogeneous, synthetic, high- temperature grease containing an organic thickener.

Field of application

URETHYN E 2 is used for the long-life and lifetime lubrication of highly-stressed plain and roller bearings, e.g. in the chemical industry, textile industry, in transport and drying equipment, general engineering, cataphoretic painting systems of the automobile industry (references on request).

Method of application

URETHYN E 2 is applied manually or via centralized lubrication systems. Avoid mixing with other greases!

Product Information

MOVING YOUR WORLD



Technical Data: URETHYN E 2

Characteristics	Value	Unit	Test Method
Reference	KPE1/2S-20		DIN 51502
Color	cream		
Temperature range	-20 / +200	° C	DIN 51825
Base oil	syn		
Thickener	PU		
Base oil viscosity [40°C]	100	mm²/s	DIN 51562-1
NLGI grade	1-2		DIN 51818
Dropping point	290	° 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	3200/3400	N	DIN 51350-4
TIMKEN OK-load	30	lbs	ASTM D 2509
FAG-FE 9 test A/1500/6000-200	F10= 120,F50= 152	h	DIN 51821

LV = 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. 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.

We are specialized in developing products for extreme tribological problems in cooperation with end users.

FUCHS LUBRICANTS GERMANY provides service and individual advice. Please contact us!

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