

## RENOLIT DURAPLEX EP 2

### Description

RENOLIT DURAPLEX EP 2 is a lithium complex soap based multipurpose lubricating grease for long-term lubrication.

RENOLIT DURAPLEX EP 2 is workstable, water resistant, thermally and mechanically high loadable, resistant to aging and particularly anticorrosive.

### Application

RENOLIT DURAPLEX EP 2 is recommended for all lubricating points particularly if high demands on service life, temperature capability and corrosion protection are required.

RENOLIT DURAPLEX EP 2 is suitable for permanent and long-term lubrication of roller bearings in e.g.

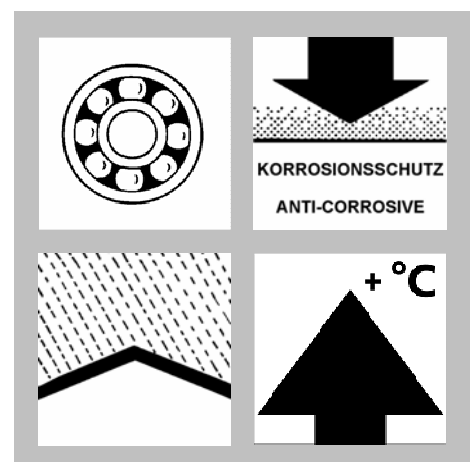
- electric motors in chemical industry
- clutch release bearings in motor cars
- bearings of hot air fans
- bearings in construction machinery

### Advantages

- All-round lubricating grease
- Water resistant
- Work stable
- Thermally high loadable
- Mechanically high loadable
- Resistant to aging
- Extremely anticorrosive

### Shelf Life

The minimum shelf life is 36 months if the product is properly stored between 0°C and 40°C in its unopened original container in a dry place. The indication of a minimum shelf life does not include any guarantee of durability.



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### Eigenschaften

Properties	Unit	Data	Test method
Classification	-	KP 2 P-30 ISO-L-X-CEHB 2	DIN 51 502 ISO 6743-9
Colour	-	Light brown	
Thickener	-	Lithium- complex soap	-
Dropping point	°C	≥ 220	IP 396
Worked penetration (Pw 60)	0.1 mm	265 - 295	DIN ISO 2137
Work resistance	0.1 mm	≤ 45	DIN ISO 2137
NLGI-grade	-	2	DIN 51 818
Corrosion protection properties (Emcor test)	degree of corr.	0 - 0	DIN 51 802
Copper corrosion	degree of corr.	1 - 100	DIN 51 811
Water resistance	eval.-stage	1 - 90	DIN 51 807-1
Four ball method, welding load	N	2600	DIN 51 350-4
Flow pressure at +20°C at -20°C	hPa	≤ 150 ≤ 1300	DIN 51 805
Oil separation at 18h / 40°C	%	≤ 1,0	DIN 51 817
Oxidation stability Pressure drop for 100h/100°C	hPa	≤ 300	DIN 51 808
Base oil viscosity at 40°C at 100°C	mm <sup>2</sup> /s	112 10,8	DIN 51 562-1
Temperature range	°C	-30 to +160	DIN 51 825



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We therefore recommend that you consult a FUCHS EUROPE SCHMIERSTOFFE GMBH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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