



# Thermatex® EP

## High performance high temperature EP grease

Product Data Sheet

### Product description

Thermatex EP is a high performance, high temperature, non-melting extreme pressure grease, formulated for conditions where frequent re-lubrication is available.

Thermatex EP contains an ISO 100 mineral base oil, an organoclay (bentonite) thickener and EP additives designed to optimise high temperature (up to +260°C) performance and water resistance.

### Customer benefits

- Non-melting organoclay thickener keeps grease in place, avoiding bearing loss at high temperatures
- Protects in applications at temperatures of up to +135°C with normal re-greasing
- Protects in applications at temperatures of up to +260°C with very frequent re-greasing
- Suitable for a wide range of high temperature industrial applications
- Extremely resistant to water wash-out

### Applications

- Industrial ball and roller bearings in high temperature applications
- Exhaust fan bearings
- Furnace door bearings
- Kiln car wheel bearings
- Roll neck bearings
- High temperature conveyor bearings
- Rotary kiln bearings

### Product highlights:

- Up to +135°C with normal re-greasing
- Up to +260°C with very frequent re-greasing
- Wide range of high temperature industrial applications
- Resistant to water wash-out

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## Approvals and performance specifications

### Performance specifications

	DIN 51 502	ISO 6743-09	OPERATING TEMPERATURE
Thermatex EP 2	KP 2 N-20	ISO-L-XBDBB2	-20°C to 135°C with frequent relubrication up to 260°C

### Typical test data

THERMATX EP TEST	TEST METHODS	RESULTS	
NLGI Grade	DIN 51 818	1	2
Product Code		540817.1	540818.4
Thickener type	DIN 51 814	Bentone	Bentone
Thickener content, %	-	10	12
Dropping Point, °C	ISO 2176	NA	NA
Oil type	-	Mineral	Mineral
Base oil viscosity at 40 °C, mm <sup>2</sup> /s	DIN 51 562	92.5	92.5
Base oil viscosity at 100 °C, mm <sup>2</sup> /s	DIN 51 562	10.5	10.5
Penetration worked, 0.1 mm	ISO 2137	325	280
Copper Corrosion 24h/100 °C	DIN 51 811	1B	1B

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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