



GTX Lithium EP2



**EXTREME
PRESSURE**



**CORROSION
PROTECTION**

APPLICATIONS

- Industrial • Mining • Agriculture
- Forestry • Automotive • Construction

CLASSIFICATIONS

DIN 51502; KP2N-30
ISO 6743; ISO-L-XCDIB2
MAN 283 Li-P; Mercedes-Benz 267.0



PRODUCT DESCRIPTION

GTX Lithium EP2 is a lithium thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors and EP/AW additives.

The product is a state-of-the-art multipurpose EP grease which can be used in various applications within given temperature limits. The lubricating grease offers good mechanical stability, load carrying capacity and corrosion protection, which makes it suitable for loaded bearings as well as wet environments.

GTX Lithium EP2 is a high quality multipurpose grease that can be used in both industrial and automotive applications. The grease is suitable for a wide range of plain and rolling bearings. At high temperatures, GTX Lithium Complex EP2 is recommended instead.

TYPICAL TECHNICAL DATA

PROPERTY	TEST METHOD	VALUE
Thickener		Lithium
Base oil		Mineral
Colour	Visual	Yellowish-brown
NLGI Grade	ASTM D217	2
Dropping point	IP 396	>180°C
Base oil viscosity at 40°C	ISO 12058	200 mm ² /s
Base oil viscosity at 100°C	ISO 12058	15 mm ² /s
4-ball weld load	DIN 51350:4	2600N
Temperature range		-30°C to +120°C Max +130°C



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TYPICAL TECHNICAL DATA

Mechanical stability

PROPERTY	TEST METHOD	VALUE
Penetration 60 strokes	ISO 2137	265-295
Penetration 100.000 strokes Shell	ISO 2137	+30
Shell roll stability 50h/80°C	ASTM D1831mod	+60

Corrosion protection

SKF Emcor WWO distilled water	ISO 11007 mod	0-0
SKF Emcor WWO salt water	ISO 11007	2-3
Copper corrosion 24h/100°C	ASTM D4048	1a

Water stability

Water resistance	DIN 51807/1	1-90
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Oil Separation

Separation 168h at 40°C	IP 121	5%
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Lubrication ability

SKF R2F test A	SKF	Pass
SKF R2F test B at 120°C	SKF	Pass

Anti-wear properties

4-ball wear scar (1h at 400N)	DIN 51350:5	0,5 mm
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Others

Oxidation stability 100 h/100°C	ASTM D942	20 kPa
Flow pressure -35°C	DIN 51805	<1400 hPa
Approx. density at 20°C	IPPM-CS/03	0,95

The information above is based on current production data and can vary within given tolerances. Temperature range is given as a guideline only. Information and data can be changed without previous notification. This information replaces prior editions.