



GTX Lithium Complex EP2



EXTREME
PRESSURE



HIGH
TEMPERATURE



CORROSION
PROTECTION

APPLICATIONS

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

CLASSIFICATIONS

DIN 51502; KP2N-30
ISO 6743; ISO-L-XCDIB2
Meets Volvo 97720



PRODUCT DESCRIPTION

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

The lithium complex soap makes the product suitable for applications within a very wide temperature range and especially applications at elevated temperatures. The complex soap structure also gives the product a high degree of mechanical stability. This enhances the performance in vibrating housings and prolongs re-lubrications intervals.

GTX Lithium Complex EP2 is a modern high performance product setting a new standard for a truly universal grease suitable for both industrial and automotive applications. The product's allround properties make it the primary choice for various types of bearing applications including heavy load conditions and temperature peaks up to 220°C.

TYPICAL TECHNICAL DATA

PROPERTY	TEST METHOD	VALUE
Thickener		Lithium Complex
Base oil		Mineral
Colour	Visual	Blue
NLGI Grade	ASTM D217	2
Dropping point	IP 396	>260°C
Base oil viscosity at 40°C	ISO 12058	210 mm ² /s
Base oil viscosity at 100°C	ISO 12058	18 mm ² /s
4-ball weld load	DIN 51350:4	2800N
Temperature range		-30°C to +140°C Max +220°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
Roll stability 50h/80°C	ASTM D1831mod	+70
SKF V2F (500 and 1.000 rpm)	SKF	Pass

Corrosion protection

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

Water stability

Water resistance	DIN 51807/1	1-90
Water washout 1h/80°C	ISO11009	2%

Oil Separation

Separation 168h at 40°C	IP 121	2%
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Lubrication ability

SKF R2F test A	SKF	Pass
SKF R2F test B at 140°C	SKF	Pass

Anti-wear properties

4-ball wear scar (1h at 400N)	DIN 51350:5	0,7 mm
Timken 55 lbs	IP 236	OK

Others

Oxidation stability 100 h/100°C	ASTM D942	14 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.