



GTX Lithium Complex EP00



EXTREME
PRESSURE



LOW
TEMPERATURE



CENTRAL
LUBRICATION



CORROSION
PROTECTION

APPLICATIONS

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

CLASSIFICATIONS

DIN 51502; KP00G-35
ISO 6743; ISO-L-XCBIB00



PRODUCT DESCRIPTION

GTX Lithium Complex EP00 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 (short time max temperature +120°C) and especially applications at low temperatures. The complex soap structure also gives the product a high degree of mechanical stability. This enhances the performance and prolongs relubrications intervals.

GTX Lithium Complex EP00 is a modern high performance product suitable for both industrial and automotive applications. The consistency of the lubricating grease makes it suitable for use in centralised lubrication systems that require semi-fluid grease. The product is also suitable for use in gearboxes.

TYPICAL TECHNICAL DATA

PROPERTY	TEST METHOD	VALUE
Thickener		Lithium Complex
Base oil		Mineral
Colour	Visual	Yellowish
NLGI Grade	ASTM D217	00
Dropping point	IP 396	>170°C
Base oil viscosity at 40°C	ISO 12058	110 mm ² /s
Base oil viscosity at 100°C	ISO 12058	12 mm ² /s
4-ball weld load	DIN 51350:4	2400N
Temperature range		-35°C to +100°C Max +120°C



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TYPICAL TECHNICAL DATA

Mechanical stability

PROPERTY	TEST METHOD	VALUE
Penetration 60 strokes	ISO 2137	400-430

Corrosion protection

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

Anti-wear properties

4-ball wear scar (1h at 400N)	DIN 51350:5	0,6 mm
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Others

Flow pressure -35°C	DIN 51805	<1400 hPa
Approx. density at 20°C	IPPM-CS/03	0,92

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.