

Texclad[®] AL EP 00/000

High performance sprayable aluminium complex grease



Product description

Texclad[®] AL EP 00/000 is a high performance sprayable aluminium complex grease, formulated with mineral base stocks combined with a very fine graphite component designed to promote high pressure load protection.

Customer benefits and product features

Customer benefits

- Highly stable, sprayable formulation.
- Aids high temperature equipment protection.
- Robust formulation aids extreme resistance to oxidation.
- Promotes high pressure load protection performance.
- Highly adhesive formulation helps water resistance.
- Contributes to critical protection against corrosion.

Applications

- Texclad[®] AL EP 00/000 is designed for the automatic spray lubrication of toothed wheels, gear rings, toothed racks and pinions in high pressure and temperature operations. It is suitable for the lubrication of rotary furnaces or similar hot lubricating points even under dusty and wet conditions.
- Texclad[®] AL EP 00/000 is especially suitable for applications in centralised lubricating systems employed increasingly in the mining, sugar, cement and steel industry, in a wide operating temperature range from -30°C to +200°C.
- Texclad[®] AL EP 00/000 contributes to smooth operation of machines and aggregates. Under scheduled lubrication periods, a maximum usable temperature of +200°C should not be exceeded. At temperatures in excess of this, automatic re-lubrication must be ensured or shorter re-greasing intervals introduced, subject to thermal load. Under these conditions, this product can be used at temperatures up to +250°C.

Product approvals, performance, and recommendations

Performance standards

	DIN 51 502	ISO 6743-09	Operating temperature
Texclad AL EP 00/000	OGPF 00/000S-30	ISO-L-XBGHB00/000	-30 °C up to 200 °C with short periods up to 250 °C

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Typical test data

TEXCLAD [®] AL EP 00/000 KEY PROPERTIES	TEST METHODS	RESULTS
NLGI Grade	DIN 51 818	00/000
Product Code		27237
Appearance	-	Black, smooth
Thickener type	-	Aluminum complex
Thickener content, %	-	1.2
Penetration worked, 60x, mm/10	DIN ISO 2137	420-450
Dropping Point, °C	DIN ISO 2176	>250
Graphite content, %	-	12
Base oil type	-	Semi-synthetic
Base oil content, %	-	80
Base oil viscosity		
at 40°C, mm ² /s	DIN 51 562	2500
at 100°C, mm ² /s	DIN 51 562	104
Density at 15°C, kg/l	DIN 51 757	0.96
Emcor corrosion test	DIN 51 802	1/1
Copper Corrosion, 24hrs at 100°C	DIN 51 811	1B
Four Ball weld point, N	DIN 51 350	7000
Water resistance static	DIN 51 807/1	0-90

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ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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