



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

- 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 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 $+200^{\circ}\text{C}$
- Texclad AL EP 00/000 offers smooth operation of machines and aggregates. Under scheduled lubrication periods, a maximum usable temperature of $+200^{\circ}\text{C}$ 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 temperatures up to $+250^{\circ}\text{C}$ can be achieved

Product highlights

- **Stable, sprayable formulation**
- **Promotes high temperature, high pressure load protection**
- **Aids extreme resistance to oxidation**
- **Highly adhesive, water resistant**
- **Contributes to corrosion resistance**

Selected specification standards include:

DIN

ISO

Approvals, performance and recommendations

Performance

	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

Typical test data		
Test	Test methods	Results
NLGI Grade	DIN 51 818	00/000
Product Code		27237
Appearance	-	Black, smooth
Thickener type	-	Aluminium 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
Base oil viscosity 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

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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