



Texclad[®] AL EP 1 and 2

High performance aluminium complex grease lubrication

Product description

Texclad AL EP 1 and 2 are high performance naturally coloured aluminium complex greases, formulated with mineral base oils.

Customer benefits

- High stability aluminium complex formulation
- Robust oxidation stability contributes to grease breakdown resistance
- High pressure load capacity helps resist component wear
- Good adhesion and water resistant performance
- Reliable formulation assists in corrosion resistance
- High thermal load capacity

Applications

- Texclad AL EP 1 and 2 are suitable for the lubrication of roller and friction bearings at high pressure and high temperatures even under dusty and wet conditions
- Texclad AL EP 1 and 2 are especially suited for applications such as the mining, sugar, cement and steel industries
- Texclad AL EP 1 and 2 provide smooth operation of machines and aggregates
- Attention must be paid to ensure that under scheduled lubrication a maximum temperature of +150°C is not exceeded. At temperatures in excess of this, continuous re-lubrication must be ensured or shorter re-greasing intervals introduced, subject to thermal load. Under these conditions temperatures up to +200°C may be reached

Product highlights

- **Highly stable aluminium complex grease**
- **Durable oxidation protection**
- **High thermal load stability**
- **High pressure load capacity**
- **Adhesive and water resistant**

Selected specification standards include:

DIN

ISO

Approvals, performance and recommendations

Performance

	DIN 51 502	ISO 6743-09	Operating temperature
Texclad AL EP 1	KP1P-20	ISO-L-XBDHB1	-25 °C up to +150 °C, with re-lubrication up to +200 °C
Texclad AL EP 2	KP2P-20	ISO-L-XBDHB2	-20 °C up to +150 °C, with re-lubrication up to +200 °C

Typical test data			
Test	Test methods	Results	
		1	2
NLGI Grade	DIN 51 818		
Product Code		27136	27116
Appearance	-	Brown, Smooth	
Thickener type	-	Aluminium complex	
Penetration worked, 60x, mm/10	DIN ISO 2137	310-340	265-295
Dropping Point, °C	DIN ISO 2176	> 250	> 250
Base oil type	-	Mineral	Mineral
Base oil viscosity at 40°C, mm ² /s	DIN 51 562	320	240
Emcor corrosion test	DIN 51 802	1/1	1/1
Copper Corrosion 24hrs at 100°C	DIN 51 811	1	1
Four Ball weld point, N	DIN 51 350	>2800	>2800
Water resistance static	DIN 51 807/1	0-90	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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