Texclad® AL EP 1

High performance aluminium complex grease lubrication

Product description

Texclad AL EP 1 is a high performance naturally coloured aluminium complex grease, 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 is 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 is especially suited for applications such as the mining, sugar, cement and steel industries
- Texclad AL EP 1 provides 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 temperatures
Texclad AL EP 1	KP1P-20	ISO-L-XBDHB1	-25 °C up to +150 °C, with short periods up to +200 °C

Typical test data

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

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The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).