



# Texclad<sup>®</sup> AL HV 0

## High performance sprayable aluminium complex grease lubrication

### Product description

Texclad AL HV 0 is a high performance sprayable aluminium complex grease, formulated with quality mineral base oil in combination with a very fine graphite element.

### Customer benefits

- Highly stable, sprayable aluminium complex formulation
- High thermal load capacity
- Effective oxidation stability contributes to breakdown resistance
- Reliable high pressure load capacity helps protect against component wear
- Adhesive and water resistant
- Contributes to effective corrosion protection

### Applications

- Texclad AL HV 0 is designed for automatic spray lubrication of a wide range of toothed wheels, gear rings, toothed racks and pinions under 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 HV 0 is pumpable and especially suited for applications in centralised lubricating systems employed increasingly in the mining, sugar, cement and steel industries. In a wide operating temperature range from -20°C to +200°C, Texclad AL HV 0 provides smooth operation of machines and aggregates
- Attention must be paid to ensure that under scheduled lubrication a maximum temperature of +200°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 +250°C may be reached

### Product highlights

- **Highly stable and sprayable**
- **Reliable oxidation resistance**
- **High thermal load capability**
- **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 HV 0	OGPF 0S-20	ISO-L-XBGHB0	-20 °C up to +200 °C with short periods up to +250 °C

### Typical test data

Test	Test methods	Results
NLGI Grade	DIN 51 818	0
Product Code		27363
Appearance	-	Black, smooth
Thickener type	-	Aluminium complex
Penetration worked, 60x, mm/10	DIN ISO 2137	355-385
Dropping Point, °C	DIN ISO 2176	> 250
Graphite content, %	-	12
Base oil type	-	Semi-synthetic
Base oil viscosity at 40°C, mm <sup>2</sup> /s	DIN 51 562	2500
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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