



# Texclad XDS 0

## High performance aluminium complex grease

(previously known as Texclad AL HV 0)

### Product description

Texclad XDS 0 is a high performance sprayable aluminium complex grease, designed for automatic spray lubrication of toothed wheels, gear rings, toothed racks and pinions of any kind under high pressure and temperature operations. It suits for lubrication of rotary furnaces or similar hot lubricating points even under dusty and wet conditions.

Texclad XDS 0 is formulated with an aluminium complex grease, combined with high performance semi-synthetic oils, containing 12% fine graphite, offering highly stable lubrication with good adhesion and corrosion inhibition properties.

### Customer benefits

- High thermal load and high pressure load capacity helps resist component wear, even at high temperatures.
- Effective oxidation stability contributes to grease breakdown resistance.
- Good adhesive properties offers long-term equipment protection from dust and other contaminants.
- Water-resistant performance helps protect components in wet and corrosive operating conditions.
- Advanced formulation designed to offer effective corrosion resistance.

### Product highlights

- **High thermal load and high pressure load capacity.**
- **Good oxidation stability.**
- **Effective adhesive properties.**
- **Good water-resistant performance.**
- **Offers advanced corrosion resistance.**

#### Selected specification standards include:

DIN	ISO
SM Group	

## Applications

- Texclad XDS 0 is designed for automatic spray lubrication of toothed wheels, gear rings, toothed racks and pinions of any kind under high pressure and temperature operations. It suits for lubrication of rotary furnaces or similar hot lubricating points even under dusty and wet conditions.
- On account of their effective pumpability, Texclad XDS 0 is especially suited for applications in centralized lubricating systems employed increasingly in the mining, sugar, cement and steel industry. In a wide operating temperature range from  $-20^{\circ}\text{C}$  to  $200^{\circ}\text{C}$ . Texclad XDS 0 guarantees smooth operation of machines and aggregates. In the application, attention must be paid that in sustained lubrication a maximum usable temperature of  $200^{\circ}\text{C}$  is not exceeded, at temperatures in excess of that, automatic relubrication must be ensured or shorter regreasing intervals subject to thermal load, in these conditions' temperatures up to  $250^{\circ}\text{C}$  may be reached.

## Product maintenance and handling

Maintaining a clean work environment is critical when equipment greasing is performed. Grease fittings should be wiped clean prior to grease injection to prevent contaminants from entering the equipment. Bearing housings should be maintained one-third to one-half full of grease. Over-greasing should be avoided as excessive heat build-up can result. Periodic relubrication via grease gun or centralized system should be supplemented by complete cleaning and packing with fresh grease on an appropriate schedule.

## Approvals, performance and suitable for use

### Approvals

- SM Group SN 180-1

### Performance

	DIN 51 502	ISO 6743-09	Operating temperature
Texclad XDS 0	OGPF 0 S-20	ISO-L-XBGHB0	$-20^{\circ}\text{C}$ up to $+200^{\circ}\text{C}$ , with short periods up to $+250^{\circ}\text{C}$

Typical test data		
Test	Test Methods	Results
<b>Typical Shelf Life: 36 months from date of filling indicated on the product label</b>		
Appearance	Visual	Black, smooth, homogenic
NLGI grade	ASTM D217 mod	0
Penetration worked, mm/10	ISO 2137	355 - 385
Thickener type		Aluminium Complex
Base oil type		Semi-Synthetic
Base oil viscosity at 40°C, mm <sup>2</sup> /s (base oil mix + polymers)	ASTM D445	2500
Dropping Point, °C	IP 396	>250
Emcor corrosion test, distilled water	DIN 51 802	0/0
Copper Corrosion, 24h/100°C	DIN 51811	1
Four ball Weld load,N	DIN 51 350	7000
Water resistance static	DIN 51807/1	0-90
Graphite content, %		12

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).

**Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.**

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

When disposing of used product, take care to protect the environment and follow local legislation.

Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see <http://europe.chevronlubricants.com>.

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