Texclad® XDS 00/000

High performance aluminum complex grease

(formerly Texclad® AL EP 00/000)

Product Description

Texclad® XDS 00/000 is a high performance sprayable aluminium complex grease, designed for automatic spray lubrication of toothed wheels, gear rings, toothed racks and pinions under high pressure and temperature operations. It is also engineered to be suitable for the lubrication of rotary furnaces or similar hot lubricating points even under dusty and wet conditions.

Texclad XDS 00/000 is formulated with an aluminium complex grease, combined with high performance semi-synthetic oils, containing 12% fine graphite, engineered to offer 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 help offer 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.

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Applications

Texclad XDS 00/000 is designed for automatic spray lubrication of toothed wheels, gear rings, toothed racks and pinions under high pressure and temperature operations. It is also designed to be suitable for lubrication of rotary furnaces or similar hot lubricating points even under dusty and wet conditions.

Due to its effective pumpability, Texclad XDS 00/000 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 -30°C to 200°C, Texclad XDS 00/000 helps promote the smooth operation of machines and aggregates. When used in this application, the maximum usable temperature for sustained lubrication is 200°C and should not be exceeded unless either automatic relubrication or more frequent regreasing intervals is employed (subject to thermal load), in which case a maximum temperature of up to 250°C may be reached,

Approvals, performance and recommendations

Performance

	DIN 51 502	ISO 6743-09	Operating temperature
Texclad XDS 00/000	OGPF 00-000 S-30	ISO-L-XBGHB00/000	-30°C up to +200°C, with short periods up to +250°C

Service Considerations

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.

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Typical Test Data

TEXCLAD® XDS 00/000	TEST METHOD	RESULTS
Product Code		**500795**
NLGI Grade	ASTM D217	**00/000**
Texture, nuom	Observation	Black, smooth, homogenic
Worked Penetration, 60 mm/10	ASTM D217	420-450
Thickener Type, nuom	N/A	Aluminum Complex
Base Oil Type, nuom	N/A	Semi-Synthetic
Viscosity,		
mm²/s @ 40°C	Calculated	2500
mm²/s @ 100°C	Calculated	104
Dropping Point, °C	IP 396	>250
Emcor Corrosion, nuom	ASTM D618	0/0
Copper Corrosion, 24 h, 100 nuom	ASTM D4048	1
Four Ball weld load, N	DIN 51 350/4	7000
Water resistance static	DIN 51807/1	0-90
Graphite Content, mass %	Calculated	12

1224

ENVIRONMENT, HEALTH, and SAFETY. Information is available on this product in the Safety Data Sheet (SDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions, and comply with laws and regulations concerning product use and disposal. To obtain an SDS for this product, visit the Product Information Center.

This Product Data Sheet (PDS) was produced for the Africa, Middle East and Pakistan region in good faith from the best information available at the time of issue. The specific information included may not directly reflect the local market or conditions. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. For the most up-to-date, country-specific information, please contact your local customer service center.

Customers should 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.