



Texclad[®] 2

Proven performance heavy-duty calcium grease

Product Data Sheet

Product description

Texclad 2 is a proven performance heavy-duty calcium grease. It is smooth, buttery and water stabilised, providing reliable, highly adhesive water wash-out protection.

Texclad 2 contains a high viscosity base oil and solid graphite and molybdenum disulfide additives providing a tough, durable oil film and extreme heavy-duty wear protection. Texclad 2 is bitumen-free, reducing environmental impact.

Customer benefits

- Extreme high load-carrying performance
- Highly adhesive - stays in place in open gears
- Water wash-out resistant
- No flaking or lumping down to 0°C

Applications

- Texclad 2 is generally recommended for use on fifth wheels and open gears in construction machinery, ball mill gears and large enclosed spur gears where oil leakage is a problem.

Other specific applications are:

- Forklift rails and wheel-drive gears
- Slipper drives (steel mills)
- Rigs (back-up legs), Dredging (cutting heads)
- Travelling water screens
- Exposed gears in construction, mining and industrial equipment
- Dipper sticks on excavating shovels
- Automotive fifth wheels (tractor-trailer turntables)
- Steel girth gears (girth tires) on rotary kilns and crushing mills
- Sugar mill plain bearings, when fluid lubricants have shown a tendency to leak
- Underwater dredging buckets
- Jacking legs on offshore drilling rigs
- Marine wire ropes

Product highlights:

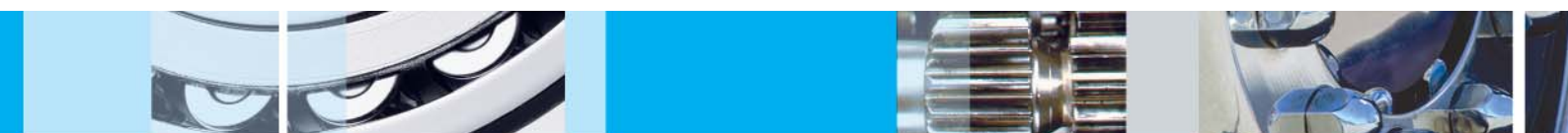
- Extreme high load-carrying performance
- Resistant to water wash-out
- Bitumen-free - reduced environmental impact

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Global Lubricants





Texclad 2 can be used at higher temperatures than +60°C, in special cases where the carrier grease is thermally decomposed leaving the solid mineral additives to provide lubrication. About 22% graphite and 3% MoS₂ will remain.

Approvals and performance specifications

Performance specifications

	DIN 51 502	ISO 6743-09	OPERATING TEMPERATURE
Texclad 2	MF 2C-10 KF 2C-10	ISO-L-XAAIB2	-10°C up to 80°C

Texclad 2 may be used at much higher temperatures where the carrier grease is thermally decomposed, leaving the solid mineral additives to afford lubrication.



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continued

Typical test data

TEXCLAD 2 TEST	TEST METHODS	RESULTS
NLGI Grade		2
Product Code		530436
Texture	-	Smooth
Colour	Visual	Black
Thickener type	-	Calcium
Thickener content, %	ASTM D0128	16
Worked penetration, 60x, mm/10	ISO 2137	265-295
Base oil type	-	Mineral
Base oil content, %	-	>60
Base oil viscosity at 40 °C, mm ² /s	ASTM D445	>1000
Base oil viscosity at 100 °C, mm ² /s	ASTM D445	33-40
Dropping Point, °C	ISO 2176	106
Solid additive content (C), %	-	22
Solid additive content (MoS ₂), %	-	3
Four Ball EP		
- Load Wear Index, kgf	ASTM D2593	56
- Weld Point, kgf		315

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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