



# Texclad<sup>®</sup> 2

Proven performance calcium grease

Product Data Sheet

## Product description

Texclad 2 is a proven performance water stabilised calcium grease. It contains solid graphite and molybdenum disulfide additives which promote reliable wear protection in heavy duty operations. It is blackish in colour and has a smooth, buttery texture.

## Customer benefits

- Robust, durable oil film and solid lubricants promote protection under heavy duty and extreme load carrying conditions
- Offers reliable adhesion in open gears and protects at temperatures down to 0°C, offering resistance to flaking and lumping
- Tough, durable film aids wear and water washout protection
- Bitumen-free formulation helps protect the environment

## Applications

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

### Other specific applications are:

- Forklift truck rails and drive wheel gears
- Slipper drives in steel mills
- Jacking legs on offshore drilling rigs
- Cutting heads and buckets in dredging
- 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, where fluid lubricants show a tendency to leak
- Marine wire ropes

## Product highlights:

- Tough durable oil film/solid lubricant
- Resistance to flaking and lumping
- Wear and water washout protection
- Robust, bitumen-free formulation
- Selected specification standards include:
  - DIN 51 502
  - ISO 6743-09

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- Texclad 2 can also be used at higher temperatures than +60°C in special cases, where the carrier grease is thermally decomposed leaving solid mineral additives to afford lubrication. In this case, approximately 22% graphite and 3% MoS<sub>2</sub> will remain.

## Approvals, performance and recommendations

### Performance

	DIN 51 502	ISO 6743-09	OPERATING TEMPERATURE
Texclad 2	MF 2C-10 KF 2C-10	ISO-L-XAAIB2	-10°C to +60°C with short periods up to +80°C



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continued

## Typical test data

TEXCLAD 2 TEST	TEST METHODS	RESULTS
NLGI Grade		2
Product Code		530436
Texture	-	Smooth
Colour	-	Black
Thickener type	-	Calcium
Worked penetration, 60x, mm/10	ISO 2137	265-295
Base oil type	-	Mineral
Base oil viscosity at 40°C, mm <sup>2</sup> /s	ASTM D445	> 1000
Dropping Point, °C	ISO 2176	106
Solid additive content, (C),%	-	22
Solid additive content, (MoS <sub>2</sub> ),%	-	3
Four Ball EP	ASTM D2593	
- Load Wear Index, kgf		56
- Weld Point, kgf		315
Four Ball EP	DIN 51 350/4	
- Weld Load, N		>4900
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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