



# High Temp Premium 2

## High performance high temperature synthetic grease

### Product description

High Temp Premium 2 is a high performance, high temperature synthetic base (PAO) polyurea grease, formulated with an extreme pressure additive system.

High Temp Premium 2 is suited for the lubrication of plain and roller bearings operating at a range of speeds, and contributes to friction, wear and corrosion reduction under high temperatures and heavy loads in corrosive or wet environments.

### Customer benefits

- Contributes to effective wear reduction and increased bearing life under extreme load conditions
- High performance oxidation stability assists in high temperature equipment protection
- Robust water resistance helps protect against rust and corrosion
- Resistant to hardening
- Speed index ( $k_a \times n \times d_m$ ): 400,000

### Applications

- Bearings subjected to extreme temperatures, including bearings in annealing and drying furnaces, rotary kilns, cooling beds, conveyor systems, hot air fans, electric motors, exhaust gas fans for aggressive media, stop valves in bulk material equipment, ejector pins in plastic-cast tools, gate valves in bulk material container systems
- Recommended for con-caster applications

### Product highlights

- **Synthetic technology**
- **Contributes to extreme load wear resistance**
- **Assists with high temperature protection**
- **Helps resist water, rust and corrosion**
- **Speed index**  
( $k_a \times n \times d_m$ ):  
**400,000**

#### Selected specification standards include:

Danieli

Dynapac Paver

### Approvals, performance and recommendations

#### Approvals

- Danieli
- Dynapac Paver

#### Performance

	DIN 51 502	ISO 6743-09	Operating temperature
High Temp Premium 2	KPHC 2 P-30	ISO-L-XCFHB 2	-30 up to 160 °C with frequent lubrication up to 180 °C (short period)

Typical test data		
Test	Test methods	Results
NLGI Grade		2
Product Code		002401
Appearance	Visual	Beige
Texture	Visual	Smooth
Thickener type	-	Polyurea
Base oil type	-	PAO
Worked Penetration, 60x, mm/10	ISO 2137	279
Dropping Point, °C	DIN ISO 2176	>240
Emcor corrosion test, distilled	DIN 51 802	Pass
Copper corrosion at 24hrs/100°C	DIN 51 811	0
Four ball Wear, method E, mm	DIN 51 51350/5	0.7
Four ball EP, N	DIN 51350/4	>2600

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.

**Disclaimer** Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheets.

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