



## Tribol™ GR TG 2

Fully Synthetic High-Temperature Greases

### Description

Tribol™ GR TG 2 (previously called Thermogrease™ Range) is black, fully synthetic high-temperature grease for the lubrication of rolling and sliding bearings. Extraordinarily high load carrying capacity due to solids.

### Application

- Rolling and sliding bearings subjected to high pressures and temperatures.
- Fan bearings of textile machines.
- Bearings of heated calenders and drying cylinders.
- Bearings of baking ovens and kilns.
- Grease lubrication of flat and bottle glass machines.

### Conditions of Use

- Please observe the specifications of the bearing manufacturers.
- Tribol GR TG 2 is not to be mixed with other greases.
- Thoroughly clean the bearings before introducing the initial fill.
- Fill bearing housing only about half full with grease.
- Higher temperatures are possible for short-term applications. Please contact our application engineers for more information.

### Advantages

- Extremely temperature and aging resistant.
- High wear protection.
- Low coefficient of friction.
- Resistant to hot and cold water.
- Limited resistance to alkaline solutions and acids.
- Good corrosion protection.
- Prevents fretting corrosion.
- Does not corrode ferrous metals.
- Good pumpability in central lubrication systems.

## Typical Characteristics

Name	Method	Units	Tribol GR TG 2
Colour	Visual	-	Black
Base oil	-	-	Synthetic
Thickener Type	-	-	Organic
Worked Penetration (60 strokes @25 °C)	ASTM D217/ ISO 2137	0.1 mm	265 - 295
Dropping Point	ASTM D566	°C	> 300/> 572
Density @20 °C	Inhouse method	kg/m <sup>3</sup>	1070
Water Resistance	DIN 51807-1	Rating	0

Subject to usual manufacturing tolerances.

**This product was previously called Thermogrease 2. The name was changed in 2015**

Tribol™ GR TG 2  
29 May 2015

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

[www.castrol.com/industrial](http://www.castrol.com/industrial)