



Castrol Thermogrease Range

Fully Synthetic High-Temperature Greases

Description

The Thermogrease™ Range are black, fully synthetic high-temperature greases for the lubrication of rolling and sliding bearings. Extraordinarily high load carrying capacity due to solids.

Application

THERMOGREASE 2

- 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.

THERMOGREASE F

- Especially for the relubrication of bearings which were initially filled with CASTROL THERMOGREASE 2 to remove existing solid deposits.
- Temperature application range: - 15°C/+ 5°F to + 200°C/+ 392°F

Conditions of Use

- Please observe the specifications of the bearing manufacturers.
- THERMOGREASE 2 and THERMOGREASE F are 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

- OPTITEC® - OPTIMOL technology
- 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	Thermogrease 2	Thermogrease F
Article No.	-	-	08321	08323

Name	Method	Units	Thermogrease 2	Thermogrease F
Colour	Visual	-	Black	Black
Base	-	-	Organic Thickener/ Synthetic Base Oil	Organic Thickener/ Synthetic Base Oil
Consistency/NLGI Grade	DIN 51818	-	2	00
Worked Penetration, Pw 60	DIN ISO 2137	0.1mm	265 - 295	400 - 430
Density at + 20°C/+ 68°F	DIN 51757	kg/m ³	1,067	994
Dropping Point	DIN ISO 2176	°C/°F	> 300/> 572	> 300/> 572
Water resistance at + 90°C/+ 194°F	DIN 51807 T. 1	-	0 (No Change)	0 (No Change)

Subject to usual manufacturing tolerances.

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06 May 2011

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