

Product Data Sheet

OPTIMOL THERMOGREASE 2 + THERMOGREASE F

Fully synthetic high-temperature greases

DESCRIPTION

OPTIMOL THERMOGREASE 2 and THERMOGREASE F are black, fully synthetic high-temperature greases for the lubrication of rolling and sliding bearings. Extraordinarily high load carrying capacity due to solids.

APPLICATIONS

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

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

NOTES FOR USE

- Please observe the specifications of the bearing manufacturers.
- OPTIMOL 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.

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Technical data

	Unit	Value		Test method
OPTIMOL THERMOGREASE	-	2	F	-
Article no.	-	08321	08323	-
Color	-	black		visual
Base	-	organic thickener/ synthetic base oil		-
Consistency/NLGI grade	-	2	00	DIN 51818
Worked penetration Pw 60	0.1 mm	265 - 295	400 - 430	DIN ISO 2137
Density at + 20°C/+ 68°F	kg/m ³	1,067	994	DIN 51757
Dropping point	°C °F	> 300 > 572		DIN ISO 2176
Water resistance at + 90°C/+ 194°F	-	0 (no change)		DIN 51807 T. 1

These technical data are based on average test results. Minor deviations may occur from case to case.

For further product information please contact the Technical Service of Castrol Industrie GmbH.

Above data are based on extensive tests and practical experience. Considering the wide range of application requirements, they cannot, however, guarantee success in every single case. We therefore recommend practical trials. We reserve the right to change the product composition with a view to further improvement.