Product Data

Braycote™ Inertox 2

Fully synthetic high-temperature grease

Description

Castrol Braycote™ Inertox 2 (previously called Castrol Inertox™ Heavy)is chemically and thermally one of the most stable lubricants in the Castrol range.
Formulated from an advanced synthetic fluid and thickened with a non soap base which is temperature stable and fortified with a blend of additives and lubricating solids for exceptional wear protection.

Application

Braycote Inertox 2 is designed for universal long-term application in anti-friction and plain bearings under hostile ambient conditions. Inert to most corrosive and/or other aggressive media.
For rolling and sliding bearings with extended re-lubrication intervals, high temperatures or under hostile ambient conditions such as in:

- Paint drying lines
- Film stretching machines
- Tenter frames for textiles
- Oven carriages in the ceramics industry

For lubrication of seals and friction points inside high vacuum chambers, such as found in the electronics industry.
Temperature application range: -25ºC/-13ºF to +260ºC/+500ºF (at higher operating temperatures adequate ventilation must be ensured).

Advantages

- Excellent thermal and chemical stability – ensures the grease can operate in adverse applications and is resistant to:
    - hot and cold water, oils, oil-in-water emulsions
    - inorganic and organic acids, alkaline solutions
    - solvents based on hydrocarbons, e.g. naptha, benzene, toluol, paraffin etc.
    - solvents based on chlorinated hydrocarbons, e.g. trichloroethylene (TRI), perchloroethylene (PER),
    - dichloromethane (methylene chloride) etc.
    - alcohols, ketones (acetone), halogens
    - radioactive radiation (gamma rays)
- High wear protection, excellent lubricating capabilities, good load carrying capacity, outstanding pressure resistance
    - leads to longer bearing life, extended lubrication cycles and uninterrupted service
- Extremely low evaporation loss in vacuum systems- ensures continual lubrication
- Non-flammable – grease can be exposed to extreme conditions ensuring safe use
- Good corrosion protection – helps prevent rust and oxidation on metal surfaces

Berreteaga N°6, A, 48150, Sondika (Bizkaia) · mendoza@comercialmendoza.es

Expertos en lubricación industrial y automoción

Experts in industrial and automotive lubrication

Typical Characteristics

Name	Method	Units	Braycote Inertox 2
Appearance	Visual	-	White
Thickener Type	-	-	PTFE
Base Oil Type	-	-	PFPE
NLGI Grade	-	-	2
Density @ 20 °C/68 °F	Inhouse method	kg/m³	1930
Worked Penetration, 60 Strokes @ 25 °C/77 °F	ASTM D217/ISO 2137	0.1mm	265 - 295
Dropping Point	ASTM D2265	°C/°F	None
Base Oil Viscosity @ 40 °C/104 °F	ASTM D445/ISO 3104	mm²/s	150 (*)
Corrosion Protection (SKF Emcor)	ASTM D6138/ISO 11007	Rating	0/0
Water Resistance, 90 °C/194 °F	DIN 51807-1	Rating	0
Vapour Pressure Base Fluid @20 °C/68 °F	-	hPa	10
DIN Classification	DIN 51502	-	KFK 2 U-25
ISO Classification	ISO 6743/9	-	L-XCGHA-2

Subject to usual manufacturing tolerances. * Fresh product, at temperatures above 100ºC viscosity will increase gradually up to 500 mm2/s.

Additional Information

- Braycote Inertox 2 should not be mixed with other greases or oils
- Clean the lubrication surfaces thoroughly with e.g. petroleum ether before application

This product was previously called Inertox Heavy. The name was changed in 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. 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

http://msdspds.castrol.com

Berreteaga N°6, A, 48150, Sondika (Bizkaia) · mendoza@comercialmendoza.es

Expertos en lubricación industrial y automoción

Experts in industrial and automotive lubrication