www.Oil18.ru, t/faks(3412)902-313, 902313@inbox.ru

Product Data

Castrol Inertox®

Castrol Inertox Medium And Inertox Heavy - the chemically and thermally most stable lubricants of the CASTROL grease range.

Castrol Inertox Medium And Inertox Heavy for universal long-term application in anti-friction and plain bearings under hostile ambient conditions. Inert to most corrosive and/or other aggressive media.

Castrol Inertox Medium allows longer relubrication periods at high temperature or high speed applications than **Castrol Inertox** Heavy.

Features

- physiologically safe
- excellent thermal and chemical stability
- indifferent to hot water, water repellent
- solvent-resistant
- extremely low evaporation loss in vacuum systems
- is not affected by gamma rays
- non-flammable
- high wear protection and outstanding pressure resistance
- good corrosion protection
- oxygen-stable
- pumpable in central lubrication systems
- temperature application range: -35°C/-31°F to +280°C/+536°F
- USDA-H2 Approval

Uses

- **Castrol Inertox** Medium And Inertox Heavy are resistant to:
- hot and cold water, oil-in-water emulsions, oils
- inorganic and organic acids and alkalies over complete pH-value range
- solvents based on hydrocarbons, e.g. naphta, benzene, totuol, paraffin, etc.
- solvents based on chlorinated hydrocarbons, e.g. trichloroethylene (TRI), 1,1,1-trichloroethane, perchloroethylene (PER), dichloromethane (methylene chloride) etc.
- alcohols, ketones (acetone), halogens and radioactive radiation (gamma rays).

Castrol Inertox Medium And Inertox Heavy for extremely extended relubrication intervals in bearings of film stretching machines (plastics), tenter

Castrol Industrial Americas
150 W. Warrenville Road
Naperville, IL 60563
Tel (877) 641 1600
Fax (877)648 9801

frames (textiles), oven carriages (ceramics) and high-temperature applications of various industries. For lubrication of seals and friction points inside of high vacuum chambers (electronic industry).

Castrol Inertox Medium And Inertox Heavy are partially soluble in trichlorotrifluoroethane.

Application

Apply **Castrol Inertox** Medium And Inertox Heavy only after thorough cleaning of the lubrication surfaces, e.g. with petroleum ether or trichloroethylene. Do not mix with other lubricants.

For further information please contact Technical Services.

Typical Characteristics

	Medium	**Heavy**
Color	White	White
Base Fluid	Synthetic	Synthetic
Vapor pressure base fluid, mbar, @ 20°C/68°F	10^{-9}	--
Thickener	Organic	Organic
Base oil Viscosity, DIN 51562, mm^2/s @40°C°	400	160
NLGI grade, DIN 51818	2	2
Penetration, DIN ISO 2137, 0.1 mm Pw60	265-295	265-295
Density, g/cm^3 @20°C	1.97	1.93
Dropping Point, DIN 51801, °C/°F	> 260°C/>500°F	> 260°C/>500°F
Four Ball OK Load, DIN 51350; N	5500	5500
SKF Emcor, DIN 51802	0	0
	No Corrosion	No Corrosion
Temperature range,		
°C	- 35 to 280	- 35 to 280
°F	- 31 to 536	- 31 to 536

Subject to usual manufacturing tolerances

All reasonable care has been taken to ensure that this information is accurate as of the date of printing. Nevertheless, such information may be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

Castrol Industrial Americas
150 W. Warrenville Road
Naperville, IL 60563
Tel (877) 641 1600
Fax (877)648 9801