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Product Code: GR0891

ULTRA HIGH TEMPERATURE GREASE is an industrial, extreme temperature, medium consistency grease primarily designed for applications where operating temperatures of up to 600°C are encountered. Formulated with a dispersion of fine particle size graphite incorporated in a synthetic base fluid, which evaporates cleanly at high temperatures without leaving abrasive ash deposits.

APPLICATION

Primarily designed for use in extreme temperature operations such as kiln-car bearings, furnace door and drying tunnel mechanisms.

At very high temperatures, conventional high temperature greases have severe limitations, as their performance is restricted by their base fluid and thickener systems. These degrade at high temperatures destroying the grease structure and so shortening the useful working life of the grease. Ultra High Temperature Grease is designed so that, at elevated temperatures, its liquid phase evaporates without leaving abrasive carbon deposits.

Must be applied sparingly, preferably by hand, after fitting and before assembling the bearing house. It can also be applied as a service lubricant by high pressure grease gun. Anti-friction bearing housings need to be vented so not to inhibit the evaporation process of the base fluid. (On anti-friction bearings, over lubrication must be avoided as this could lead to an excessive build-up of graphite in the rolling elements of the bearing). Bearings need to be purged of the previous grease before starting to use Ultra High Temperature Grease.

BENEFITS

- No carbonization at high temperatures, greatly reduces maintenance costs and extends component life.
- Graphite lubricating film reduces wear
- Eliminates bearing seizure caused by deposits.

TYPICAL PROPERTIES

Colour:	Black	Base Fluid Viscosity (IP71) @ 40°C:	128 cSt
Base Oil:	Polyalkaline glycol	Base Fluid Viscosity (IP71)@ 100°C:	25 cSt
NLGI Classification:	2	Operating Temperature Range:	
Dropping Point (ASTM D2265):	Nil		-30°C to +200°C (grease film)
Micronised Graphite Content:	15%		200°C to 600°C (dry film)

HEALTH AND SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Safety Data Sheet is available on request.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.