

TECHNICAL PRODUCTS INFORMATION

PRODUCT NAME: ULTRA HIGH TEMP. 2

ULTRA HIGH TEMP. 2 is an industrial, extreme temperature, medium consistency, plain and rolling bearing grease for applications of operating temperatures up to 600°C. It is a dispersion of fine particle size graphite, incorporated in a synthetic fluid which evaporates cleanly at high temperatures without leaving abrasive ash deposits.

ULTRA HIGH TEMP. 2 is primarily designed for 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 so shortening the useful working life of the grease, they also form abrasive carbon deposits. ULTRA HIGH TEMP. 2 is designed so that, at elevated temperatures, its liquid phase evaporates without leaving abrasive carbon deposits.

COST SAVING BENEFITS

1. No carbonisation at high temperatures, greatly reduces maintenance costs and extends component life.
2. Graphite lubricating film reduces wear.
3. Does not cause bearing seizure caused by deposits left behind by conventional high temperature greases.

METHOD OF APPLICATION

ULTRA HIGH TEMP. 2 must be applied sparingly preferably by hand, after fitting and before assembling the bearing housing. It can also be applied as a service lubricant by high pressure grease gun. Anti-friction bearings 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 TEMP. 2

TYPICAL PHYSICAL CHARACTERISTICS

Colour	Black
Base Oil	Polyalkaline glycol
NLGI consistency	2
Dropping point (ASTM D2265)	NIL
Base fluid viscosity (IP71)	
@ 40°C	128 cSt.
@ 100°C	25 cSt.
@ -30°C	20,000 cSt.
Operating temperature range	-30°C to +600°C



BS EN ISO 9002: 1994
Certificate No.FM 40035