



Foodmax Grease Fluor HT

Extreme high temperature grease

Description

Foodmax Grease Fluor HT is a non-flammable white grease developed from a perfluoroalkyl-polyether-type oil, a micronized PTFE as thickener and an anti-corrosion additive. It is totally inert physically and chemically in the event of aggression by all kinds of liquid or gaseous products (except for fluorinated solvents) and thermal and ionizing radiation.

All the raw materials used in the manufacturing process appear in the positive list of the Food and Drugs Administration (FDA) and H-1 approval is possible on request.

Applications

Foodmax Grease Fluor HT is suitable for the lubrication of all bearings, sliding bearings or joints subjected to extreme temperatures or to aggressive conditions capable of altering conventional lubricants. It is used principally for curing ovens in glass, textile, plastic film, paint, chemical, nuclear, and corrugated card industries. Foodmax Grease Fluor HT is compatible with all widely used elastomers, seals, gaskets, plastics and metals. Foodmax Grease Fluor HT is equally adapted for the lubrication in thin films of sliding electrical contacts or as dielectric agents.

Typical performance data

	Test method	HT 2
Nature of base oil	-	Perfluorinated
Thickener	-	PTFE
Colour	-	White
Base oil viscosity @ 40 °C, cSt	ASTM D-445	500
Density @ 20 °C, g/cm ³	-	1.91
NLGI grade	-	2
Worked penetration, 0.1 mm	ASTM D-217	265-295
Drop point, °C	DIN 51801	Without
Useful range temperature, °C	-	-30 – 300
Volatility, %	ASTM D-972	< 0.1
4-ball wear test, weld load, kg	IP 239	>700
Max speed factor, n.dm	-	300000
Specific resistivity, ohm x cm	ASTM D-257	4x10e14

All performance data on this Technical Data Sheet are indicative only and can vary during production
Matrix Specialty Lubricants BV - info@matrix-lubricants.com – www.matrix-lubricants.com