



Foodmax Grease Fluor HT 2

Extreme high temperature grease

Description

Foodmax Grease HT-2 is a non-flammable white grease developed from a perfluoroalkyl-polyether-type oil, a micronised 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 ionising 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 HT-2 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 HT-2 is compatible with all widely used elastomers, seals, gaskets, plastics and metals. Foodmax Grease HT-2 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
Base oil viscosity @ 40 °C, cSt	ASTM D445	500
Thickener		PTFE
Colour		White
Density @ 20 °C, kg		1,91
NLGI grade		2
Worked penetration x 0,1 mm	ASTM D217	
Drop point, °C	DIN 51801	Without
Useful range temperature, °C		-30 – 300
Volatility, 22 h @ 204 °C, % loss	ASTM D972	< 0.1
Max speed factor, n x mm		300.000
Specific resistivity, ohm x cm	ASTM D257	4x1014

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All performance data on this Technical Data Sheet are indicative only and can vary during production

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