

THE THERMAL-LUBE

SYNTHETIC PFPE HIGH-TEMP. BEARING GREASE

XL0548

November 2024

XL0548 is a non-flammable, non-corrosive, odourless, low toxicity grease that is specifically formulated for highly critical applications where any oxidizing or corrosive materials present may result in catastrophic chemical or explosive reactions.

XL0548 is formulated using perfluoropolyether (PFPE) and thickened with fumed silica, saturated **hydrogen-free chlorofluorocarbons** which are chemically inert, non-flammable, have inherently high thermal stability, excellent lubricity, high dielectric strength, high density, and non-polar characteristics.

CHEMICAL COMPATIBILITY:

XL0548 PFPE grease is inert toward practically all compounds, solutions, and strong oxidizers.

- FOR USE IN:**
- Paper corrugators
 - Publishing
 - Foundries
 - Smelters
 - Textile tenter frames
 - Marine & Fishing Industry
 - Cranes
 - Rolling Mills
 - Automotive
 - Bushings, Bearings
 - Bearings
 - Oven chains

TYPICAL SPECIFICATIONS

Product Code: XL0548	/002	/402
N.L.G.I. Grade:	2	2
Dropping Point (°C) (ASTM D2265)	None	
Copper Strip Test (163°C for 3 hours)	Negative	
Texture	Smooth	
Colour	White	
Timken OK Load (kg) (ASTM D2509)	45+	
Type of Thickener	Fumed Silica	
Oil Separation (24hrs @ 25°C) (ASTM D1742)	1% Maximum	
Additives	Anti-Corrosion, Anti-Wear, EP	
Temperature Range (°C)	-20 to 350	
Minimum Dispensing Temperature (°C)	-17	
Base Oil Viscosity (cSt @ 40°C) (ASTM D445)	388	455
Toxicity	Minimal	
WHMIS Classification	Not Controlled	



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