



ZAROX TYA 512



High Performance Lubricants for Industry

DESCRIPTION

ZAROX TYA 512 is a non-flammable, white grease developed from a perfluorinated polyether type oil, a micronised PTFE as thickener and an anti-corrosion additive (not sodium nitrate). It is totally inert physically and chemically in the event of contact with aggressive liquids or gaseous products (except for fluorinated solvents) and thermal & ionising radiation.

ZAROX TYA 512 is also compatible with all widely used elastomers, seals, gaskets, plastics and metals.

TYPICAL APPLICATIONS

ZAROX TYA 512 is suitable for the lubrication of all bearings, sliding bearings and joints subject to extreme temperatures or aggressive conditions capable of altering conventional lubricants. It is principally used for curing ovens in glass, textile, plastic film, paint, chemical, nuclear and corrugated card industries.

ZAROX TYA 512 is equally adapted for the lubrication in thin films of sliding electrical contacts or as a dielectric agent.



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CHARACTERISTIC	PERFORMANCE
Base Oil Nature	Perfluorinated
Thickener	PTFE
Base Oil Viscosity @ 40°C	500 cSt
Colour	White
NLGI Grade	2
Drop Point	Without °C
Density @ 20°C	1.91
Worked Penetration	265-295 x 0.1mm
Maximum speed factor	300 000 n x mm
Service temperature	-30 to 300°C
Volatility (22h at 204°C)	<0.1 w % loss
Stability/ Ionizing Radiations	5 x 10 ⁸ rads
Specific Resistivity	4 x 10 ¹⁴ ohm x cm

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