

FLUORIOX® YNX GREASE



Nonfood Compounds
Program Listed H1
Registration No. 165400

Product Data Sheet

PRODUCT OVERVIEW

FLUORIOX® YNX is a high pressure homogeneous grey grease specially designed as an oxygen compatible assembly lubricant which protects components dramatically due to its ability to resist degradation in hostile conditions.

FLUORIOX® YNX is extremely stable and has been specifically developed for static applications such as seals and valves as its resistance against aggressive chemicals and strong oxidising agents makes it a natural choice for use in many industries.

FLUORIOX® YNX is resistant to a wide range of aggressive mediums including oxygen, bromine and chlorine environments, both liquid and gaseous.

FEATURES AND BENEFITS

- **FLUORIOX® YNX** has an excellent wide temperature range from -40°C to +220°C.
- **FLUORIOX® YNX** is an oxygen resistant, non-toxic lubricant with an extremely high oxidation and thermal resistance.
- The product has an exceptionally high pressure resistant for severely aggressive applications.
- **FLUORIOX® YNX** is extremely economical to use with minimal wastage.
- This product is designed primarily as an assembly lubricant for seals and valves for extreme applications in aggressive environments.

DIRECTIONS FOR STORAGE AND USE

- **FLUORIOX® YNX** is generally applied manually direct from the tube.
- **FLUORIOX® YNX** is compatible with other perfluoropolyether greases. However, for best results it is recommended that the application should be purged of the previous lubricant prior to application.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 5 years from date of manufacture.

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Property	Test Method	Result
Appearance	Visual	Smooth grey grease
NLGI Number	IP 50 (ASTM D217)	1/2
Base Type	N/A	Perfluoropolyether
Base Fluid Viscosity at 20°C	IP 71	250cSt
Base Fluid Viscosity at 40°C	IP 71	80cSt
Thickener	N/A	Hydrous magnesium silicate
Temperature Range	N/A	-40°C to +220°C
4-Ball Weld Load	IP 239 (ASTM D2596)	620kg
Specific Gravity	N/A	1.9
B.A.M. Oxygen Impact Test – Limit Pressure	N/A	240 bar at 60°C
Solvent Resistance	N/A	Most solvents
Chemical Resistance	N/A	Most acids
Soluble in:	N/A	Fluorinated solvents

Values quoted above are typical and do not constitute a specification.

* Made with Fomblin® PFPE.

* Fomblin® is a registered trademark of SOLVAY, the world leader in PFPE technology.