

## YNX

### Extreme high pressure perfluoropolyether based assembly lubricant

#### Product Overview

ROCOL® 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.

ROCOL 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.

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

#### Features and Benefits

- ROCOL YNX has an excellent wide temperature range from  $-40^{\circ}\text{C}$  to  $+220^{\circ}\text{C}$ .
- ROCOL 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.
- ROCOL 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

- ROCOL YNX is generally applied manually direct from the tube.
- ROCOL 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.
- If the previous lubricant used was not perfluoropolyether based, it is important to ensure that the components are fully cleaned with a suitable solvent, for example ROCOL INDUSTRIAL CLEANER Rapid Dry Spray, before lubricating with ROCOL YNX.
- The storage temperature should be controlled between  $+1^{\circ}\text{C}$  and  $+40^{\circ}\text{C}$ .
- Shelf life is 5 years from date of manufacture.

#### Typical Applications

Approved to:

- NATO 9150-99-009-0064

ROCOL YNX is designed as an assembly lubricant for static applications and can be used in every major industry such as chemical, electronic, mechanical, military and aerospace.

#### Pack Sizes

Pack Size	Part Code
100g	39081

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Property	Test Method	Result
Appearance	Visual	Smooth grey grease
NLGI Number	IP 50 (ASTM D217)	1/2
Base Type (Made with Fomblin® PFPE)	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.

### Safety Data Sheets

Safety data sheets are available for download from our website [www.rocol.com](http://www.rocol.com) or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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