

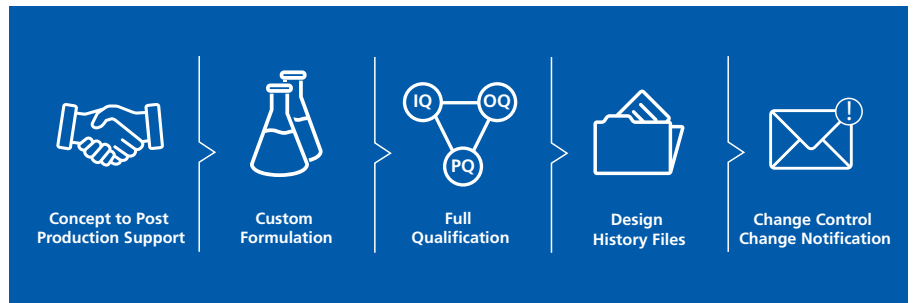
# Product Overview

MOVING YOUR WORLD



## NYEMED® 7571

A completely fluorinated, biocompatible fluid for plastic & metal substrates.



### Advantages

Does not swell most plastics and elastomers

Very wide temperature range (-60 to 220°C)

Superb resistance to oxidation

### Product Description

A very smooth, paste-like grease based upon a completely fluorinated, inert fluid. Provides lubricity and environmental protection for both plastic and metal substrates, including electrical contacts and connectors.

### ISO 13485:2016 Certified

Nye Lubricants, a member of the FUCHS Group, operates a Quality Management System that complies with the requirements of ISO 13485:2016. Our process controls, documentation, and quality standards meet or exceed all requirements for the design, manufacture, and distribution of synthetic lubricants for medical devices.

### Biocompatibility

Test	Standard	Results	Meaning
Cytotoxicity L929 Agar Diffusion (Direct Contact)	ISO 10993-5	Grade 0	No Cellular Reactivity
Skin Irritation (Direct Contact)	ISO 10993-10	Primary Irritation Index 0.0	Negligible Irritant
Acute Systemic Toxicity (Direct Injection)	ISO 10993-11	Negative	Pass

# NYEMED® 7571

Lubricants add value to innovative designs in medical technology every day. Our NYEMED® product line consists of biocompatible greases, oils, gels and fluids that were specifically formulated to enable, protect and improve the functionality of medical devices. In addition to biocompatibility testing, we also provide data on the typical properties of our lubricants.

## Properties

Base Fluid Properties		Value	Test Method
Type		Perfluoropolyether (PFPE)	
Flash Point		> 395°C	ASTM D92
Base Fluid Apparent Viscosity (cP)	25°C	241	Nye CTM
	45°C	137	

Product Properties		Typical Value	Test Method
Color/Appearance		White, Opaque	Visual
Apparent Viscosity (cP)	25 °C, 50/s shear rate	13,420	Nye CTM
Density (g/cm³)	25 °C	1.78	Nye CTM
NLGI Grade		2	ASTM D217
Oil Separation	24 h, 100 °C	4.7	ASTM D6184
Evaporation	24 h, 100 °C	0.05%	ASTM D972

Typical Values are not indicative of a specification.

**FUCHS LUBRICANTS CO.**  
 17050 Lathrop Avenue  
 Harvey, IL 60426  
 United States  
 Phone + 1 708-333-8900  
 E-mail [inquiry@fuchs.com](mailto:inquiry@fuchs.com)  
[www.fuchs.com/us](http://www.fuchs.com/us)

**FUCHS LUBRICANTS CANADA LTD.**  
 (Eastern Division)  
 405 Dobbie Drive  
 Cambridge, Ontario  
 N1R 5X9  
 Canada  
 Phone +1 519-622-2040  
 E-mail [inquiriesCA@fuchs.com](mailto:inquiriesCA@fuchs.com)  
[www.fuchs.com/ca](http://www.fuchs.com/ca)

**FUCHS LUBRICANTS CANADA LTD.**  
 (Pacific Division)  
 19829 99A Avenue  
 Langley, British Columbia  
 V1M 3G4  
 Canada  
 Phone +1 604-888-1552  
 E-mail [inquiriesCA@fuchs.com](mailto:inquiriesCA@fuchs.com)  
[www.fuchs.com/ca](http://www.fuchs.com/ca)

**LUBRICANTES**  
**FUCHS DE MÉXICO SA DE CV**  
 Acceso C No. 101  
 Parque Industrial Jurica  
 76120 Querétaro, Qro.  
 Mexico  
 Phone + 52 (442) 2 38 91-00  
 E-mail [info@fuchs.com.mx](mailto:info@fuchs.com.mx)  
[www.fuchs.com/mx](http://www.fuchs.com/mx)