

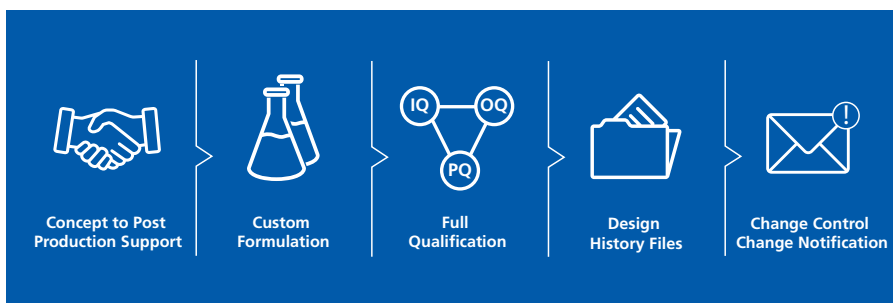
Product Overview

MOVING YOUR WORLD



NYEMED® 7492

A biocompatible, paste-like grease for metal-on-metal applications.



Advantages

UV dye enhances tracing and visualization.

Very good resistance to oxidation

Very wide temperature range (-50 to 150°C)

Product Description

A paste-like, UV-dyed, synthetic polyol-ester grease with excellent high-speed metal-on-metal performance for applications like precision bearings.

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 1.0	Slight Irritant
Acute Systemic Toxicity (Direct Injection)	ISO 10993-11	Negative	Pass

NYEMED® 7492

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		Polyol-ester	
Flash Point		> 245°C	ASTM D92
Base Fluid	25°C	29	Nye CTM
Apparent Viscosity (cP)	45°C	27	

Product Properties		Typical Value	Test Method
Color/Appearance		Yellow-orange, Translucent	Visual
Apparent Viscosity (cP)	25 °C, 50/s shear rate	8,390	Nye CTM
Density (g/cm³)	25 °C	0.91	Nye CTM
NLGI Grade		2	ASTM D217
Oil Separation	24 h, 100 °C	4.5%	ASTM D6184
Evaporation	24 h, 100 °C	0.3%	ASTM D972

Typical Values are not indicative of a specification.

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