



Potable Water Applications



NSF/ANSI 61 Certified Lubricants

The NSF-61 certification recognizes lubricants that are safe to use in drinking water applications from source to tap.



Lubricants for Drinking Water System Components

Ensuring safe and healthy drinking water is a priority. Strict standards for drinking water system components have been established by the NSF to minimize chemical contaminants and impurities that can be directly imparted to potable water from products, compounds, and materials used in drinking water systems.

Fluorocarbon Gel 880FG & 885FG

Nye Lubricants Inc. has received NSF/ANSI 61 Certification for Potable Water Lubrication for Fluorocarbon Gel 880FG and 885FG. This certification allows Nye to sell our products for commercial water treatment and drinking water for both hot and cold water applications. This approval verifies that our lubricants meet the stringent levels set by the NSF, thus ensuring that drinking water is safe for consumers.

Fluorocarbon Gel 880FG and 885FG are PTFE-thickened, heavy viscosity dimethyl silicone greases. These odorless greases provide excellent water and oxidative resistance over a broad temperature range.

APPLICATIONS:

- Faucets
- Water treatment plants
- Water filters
- Pumps
- Plumbing
- Piping
- Appliances

COMPONENTS:

- O-Rings
- Gaskets
- Valves
- Fittings
- Seals
- Gears
- Water taps

Lubricant Properties	Fluorocarbon Gel 880FG	Fluorocarbon Gel 885FG	Test Method
Temperature Range	-40 to 200°C	-40 to 200°C	
Base Oil	Dimethyl Silicone	Dimethyl Silicone	
Thickener	PTFE	PTFE	
Kinematic Viscosity (40°C)	18,407	410	ASTM D-445
NLGI Grade	2	1	ASTM D-217
Water Washout (60 minutes, 100 °C)	0.25%	1.74%	ASTM D-1264
Evaporation (24 hours, 100 °C)	<0.1%	<0.1%	CTM-1
Copper Corrosion (24 hours, 100 °C)	1B	1B	ASTM D-4048

** NSF-61 and H-1 Registered

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