



NyoGel® 774VLF

A silica thickened, synthetic hydrocarbon grease intended for mechanical components requiring smooth operation, while protecting components from oxidative environments.



Circuit Breakers & Disconnects

Application: Heavily Loaded Mechanisms
Component Lubricated: Operating Mechanisms & Linkages

Mechanical sliding components in **circuit breakers and disconnects** used in heavy duty applications benefit from a lubricant, ensuring smooth and easy open/close operation every time. NyoGel 774VLF is **PTFE fortified** and has a higher viscosity than other greases in this industry, allowing it to work very well in applications where heavy duty load carrying is required. 774VLF allows **smooth operation in heavily loaded sliding surfaces** where other greases might contribute to slip/stick. NyoGel 774VLF additional benefits include good water resistance, and enhanced lubricity .

Typical Properties

Lubricant Properties	Typical Value	Test Method
Temperature Range	-50 to 120°C	
Base Oil	Polyalphaolefin	
Thickener	Silica	
Kinematic Viscosity (100°C)	111 cSt	ASTM D-445
Kinematic Viscosity (40°C)	903 cSt	ASTM D-445
Pour Point	-43°C	ASTM D-97
Dropping Point	>260°C, Non-melting	ASTM D-2265
Copper Corrosion	1A, No corrosion	ASTM D-4048
Water Washout	1.9%	ASTM D-1264
Evaporation (24hrs, 100°C)	0.1%	ASTM D-972

Nye also manufactures and commercializes other **oils and greases** for the power generation industry. Additional lubricants are available to meet a wide range of application requirements. For further information, technical specifications, evaluation samples, questions about any Nye product, or to discuss a lubricant custom-designed for your application - call us at +1.508.996.6721 or visit us at www.nyelubricants.com.



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