



## **Synthetic Lubricants for Industrial Maintenance Applications**

Nye Lubricants offers a range of synthetic lubricants for industrial maintenance, repair and operations (MRO) in a wide spectrum of industries including, but not limited to, the chemical, power generation, textile, automotive, aviation/aerospace, wood, pulp and paper industries. Additionally, our greases and oils lubricate a variety of applications including gears, bearings, chains, slides and many other components routinely exposed to extreme operating conditions, like high temperatures or exposure to corrosive environments. Nye also has several food grade oils and greases that meet NSF-H1 approval for the food and beverage industries.

Typically synthetic lubricants last 5 to 10 times longer than petroleum products. While up front costs may be higher, these lubricants can provide significant savings for the overall maintenance budget by promoting longer equipment life and helping to extend lubrication intervals, thus providing a more effective scheduled maintenance program. Reduced internal friction that synthetics deliver can also improve the mechanical efficiency of industrial equipment, leading to lower energy consumption for further operation cost savings.

Nye's synthetic greases, oils and fluids are delivered in a wide variety of packaging options. Depending on customer requirements, including specific dispensing systems, our lubricants can be packaged in larger containers such as drums, totes, kegs and pails, as well as smaller containers including cartridges, syringes, plastic jars and tubes.

For technical specifications, evaluation samples, information about any Nye MRO lubricants — or to discuss the right lubricant for your application — speak to an applications engineer by calling (508) 996-6721 or send an e-mail to [info@nyelubricants.com](mailto:info@nyelubricants.com). Nye is ready to work with you to ensure you make the best possible lubricant choice.

Below is a partial list of the most commonly used Nye synthetic lubricants for industrial maintenance applications.

Industrial Oils	Type	Temp. (C°)	Grade	Description/Uses
Nye Synthetic Oil 132B	PAO	-60 to 120	ISO 15	Light synthetic oil providing low wear for metal stamping.
Nye Synthetic Oil 162	PAO	-54 to 120	ISO 32	Synthetic oil for light duty machinery.
Nye Synthetic Gear Oil 342	PAO	-50 to 125	ISO 68	AGMA 2S synthetic gear oil.
Nye Synthetic Gear Oil 344	PAO	-45 to 125	ISO 150	AGMA 4S synthetic gear oil.
Nye Synthetic Gear Oil 345	PAO	-40 to 125	ISO 220	AGMA 5S synthetic gear oil.
UniFlor™ 8190	PFPE	-20 to 250	ISO 320	Heavy viscosity synthetic oil for use in extreme environments.
Nye Synthetic Gear Oil 348	PAO	-40 to 125	ISO 460	AGMA 7S synthetic gear oil.

Industrial Greases	Type	Temp. (C°)	Grade	Description/Uses
NyoGel® 758G	Ester/Lithium	-40 to 150	ISO 32	NLGI #3 electrically conductive bearing grease.
NyoGel® 374C	PAO/Lithium	-40 to 150	ISO 68	NLGI #4 high speed 'channeling' grease for ball bearings.
Rheolube™ 365A-MS	PAO/Lithium	-40 to 125	ISO 100	NLGI #2 extreme pressure with Molybdenum Disulfide.
Rheolube™ 368A	PAO/Lithium	-40 to 125	ISO 220	NLGI #2 high-temperature multi-purpose.
Rheolube™ 794A	Ester/Clay	-20 to 150	ISO 460	NLGI #2 high-load, high-temperature.
UniFlor™ 4622R	PFPE/PTFE	-15 to 250	ISO 460	NLGI #2 for extreme environments.

Food Grade Oils	Type	Temp. (C°)	Description/Uses	NSF-H1	
Nye Synthetic Oil 269	PAO	-54 to 120	Synthetic oil for good self-penetrating and low temperature performance.		
Nye Synthetic Oil 271	PAO	-50 to 120	Synthetic oil for gears, bearings, slides, good low temperature performance.		
Nye Synthetic Oil 272	PAO	-35 to 120	Synthetic oil for multi-use on chains, bearings, slides, etc.		
UniFlor™ 8620	PFPE	-20 to 250	Synthetic oil for use in extreme environments.		
Nye Synthetic Oil 276L	PAO	-20 to 120	High viscosity synthetic chain oil for consistent damping characteristics.		

Food Grade Greases	Type	Temp. (C°)	Description/Uses	NSF-H1	
Fluorocarbon Gel 807	PAO/PTFE	-40 to 100	NLGI #2 general purpose grease with good low temperature performance.		
NyoGel® 670F	PAO/Silica	-35 to 120	NLGI #2 general purpose grease with PTFE.		
Fluorocarbon Gel 885FG	Silicone/PTFE	-40 to 150	NLGI #0-1 medium viscosity grease, low-friction, wide temperature capability.		
Fluorocarbon Gel 880FG	Silicone/PTFE	-40 to 200	NLGI #2 very high viscosity for damping and valve sealant applications.		
UniFlor™ 8622	PFPE/PTFE	-15 to 250	NLGI #2 for extreme environments, compatible with plastic and elastomers.		



Ph: 1.508.996.6721 Fx: 1.508.997.5285 E-Mail: [info@nyelubricants.com](mailto:info@nyelubricants.com) [smartgrease.com](http://smartgrease.com)

©2008 Nye Lubricants, Inc.

