



# Guide to MIL-Spec and NSN Lubricants

Please note that U.S. Department of Commerce Export Administration Regulations and U.S. Department of State International Traffic in Arms Regulations (ITAR; 22 CFR 120-130) restrict the export of certain Nye products. An export license may be required.

## Military Specifications

Mil-Spec	Product	Applications	Chemistry	Temp. Range (°C)
MIL-DTL-53131A	<b>Nye Synthetic Oils 132, 182, 176A, 186 &amp; 179A</b>	Oils for precision rolling element bearings	PAO Oil, Anti-Wear Additives	-30 to 125
MIL-PRF-32014A	<b>Rheolube™ 374A</b>	Grease for high-speed bearings in aircraft and missile systems	PAO, Lithium Soap, Rust Inhibited, Copper-Corrosion Inhibited	-54 to 175
MIL-PRF-27617F	<b>UniFlor™ 8961MT</b>	Grease for aircraft and instruments; fuel & oxidizer resistant	PFPE, PTFE	-73 to 204

## National Stock Numbers

**CAGE No. 98354**

NSN	Packaging	Product	Applications	Chemistry	Temp. Range (°C)
9150-01-499-6634	35-lb pail	<b>Rheolube™ 374A</b>	Grease for aircraft gears, high-speed components	PAO, Lithium, Rust Inhibited, Copper-Corrosion Inhibited	-54 to 175
9150-01-499-6642	6.5-lb pail				
9150-01-499-6647	1.75-lb jar				
9150-01-499-6648	4-oz tube				
9150-01-499-6650	2-oz tube				
9150-01-530-6380	14-oz fiber cartridge				
9150-01-353-5788	1-lb jar	<b>UniFlor™ 8961MT</b>	Grease for aircraft & instruments	PFPE, PTFE	-73 to 204
9150-01-393-1749	2-oz tube				
9150-01-472-7130	1.75-lb cartridge	<b>UniFlor™ 8991MT</b>	Grease for bearings, gears, actuators	PFPE, PTFE EP Fortified	-60 to 250
9150-01-472-7163	1-lb jar				
9150-00-082-5636	1.75-lb cartridge	<b>NyoSil™ M25</b>	Precision instrument fluid for electrical and mechanical applications	Silicone	-70 to 200
9150-00-782-3946	1-lb jar				
9150-01-366-4171	1-qt bottle	<b>Nye Synthetic Oil 608</b>	Oil for gear trains	Ester, EP Fortified Rust Inhibitor Copper Deactivator	-40 to 150
9150-01-381-0729	8-oz tube	<b>Rheolube™ 368</b>	Grease for sliding surfaces, switch gear, bearings, gear trains	PAO, Lithium Soap	-40 to 125
9150-01-116-8168	1-lb jar	<b>Rheolube™ 723F6</b>	Grease for timing motors, metal or plastic gears	PAO, Lithium Soap PTFE, Rust Inhibited	-40 to 125
9150-01-310-3375	-	<b>Rheolube™ 723MS</b>	Grease intended for bearings, sliding surfaces, gear trains, switchgear	PAO, Lithium Soap EP Fortified, Rust Inhibited	-54 to 125
9150-01-035-9141	14-oz plastic cartridge	<b>Rheolube™ 368HX</b>	Electrically conductive grease for lightly loaded bearings	PAO, Lithium Soap, Corrosion Inhibited	-40 to 125
9150-01-186-4008	1-lb jar	<b>Rheolube™ 791B</b>	Grease for gear trains	Ester, Lithium Soap	-40 to 150
9150-01-596-3940	100-gr tube	<b>NyoGel® 760G</b>	Grease for connectors	PAO, Silica	-40 to 135

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