



# MIL-PRF-27617

## Type III and Type IV Greases

### PRODUCT OVERVIEW

Certified to the MIL-PRF-27617 Type III and Type IV Specifications, Uniflor™ 8172MT and 8961MT are greases specified to resist hydrocarbon fuel and liquid oxygen for use as a lubricant in aerospace vehicles, aircraft, instrument, and supporting equipment. These lubricants are chemically inert, nonflammable and will not damage plastics or elastomers.

Uniflor™ 8172MT Type III and Uniflor™ 8961MT Type IV are listed on the Qualified Product List (QPL).

### PACKAGING OPTIONS

Uniflor™ 8172MT & 8961MT are available in:

- 2-oz tube
- 8-oz tube
- 1-lb jar
- 1.75-lb jar

Please contact us at [orders@nyelubricants.com](mailto:orders@nyelubricants.com) for more information.



### LUBRICANT CHARACTERISTICS

- Very wide temperature capability
- Excellent plastic and elastomer compatibility
- Hydrocarbon fuel & oxidizer resistant
- Resistance to aggressive chemicals
- Formulated for extreme conditions
- MIL PRF-27617 Type III & IV QPL tested

### LUBRICANT PROPERTIES

Properties	Uniflor™ 8172MT	Uniflor™ 8961MT	Test Method
MIL-PRF-27617	Type III	Type IV	
Chemistry	PTFE / PFPE	PTFE / PFPE	
Temperature Range	-45 to 255°C	-80 to 200°C	
Kinematic Viscosity	40°C	167 cSt	ASTM D-445
	100°C	18 cSt	
Viscosity Index	120	330	ASTM D-2270
Flash Point	>300	300	ASTM D-92
Evaporation	22 hrs, 204°C	0%	ASTM D-972



**Since 1844: Our performance is reflected in the value we bring to our customers.**

Nye Lubricants is a leader in the innovation, formulation and provision of synthetic lubricants, enabling and improving breakthrough products and critical new technologies. We bring proven experience, deep technical knowledge and customer focus to solve our customers' toughest challenges, adding tangible value to products in a wide range of industries and applications.

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