



## SYNTHETIC GREASE FOR AIRCRAFT PNEUMATIC SYSTEMS

NATO CODE G-392

### DESCRIPTION

Nyco Grease GN 4343 is a NLGI 2 silicone-based grease thickened by a lithium soap. Its operating temperature range is from -65°C to +175°C.



### APPLICATIONS

- Aircraft pneumatic systems (rubber to rubber contact)
- Pressurized cabin bulkheads grommets
- Rubber to metal lubrication

### SPECIFICATIONS \* / OEM's & Airframers reference

- Meets SAE AMS-G-4343
- Eq. to XG-269
- Listed in Airbus CML 03JCA9
- Listed in ATR CML 04-011
- Listed in Boeing CML D00062
- Listed in Airbus Helicopters CM170
- Listed in Airbus Helicopters CM187
- Substitute to GOST 9433-80
- Substitute to CIATIM 221

\* **Meets:** The product complies with all the requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.

**Equivalent** The product complies with the major requirements of the specification

**Substitute:** The product has not been developed to meet the specification requirements but can be used as a substitute to the Russian product.

CHARACTERISTIC	UNIT	TYPICAL RESULT	SAE-AMS-G-4343 LIMIT	TEST METHOD
Appearance	-	White homogeneous grease	Homogeneous, free of lumps	Visual
Dropping Point	°C	210	min. 163	ASTM D566
Worked Penetrability after 60 strokes	1/10 mm	290	260 to 300	ASTM D217
Oil Separation, 30h at 100°C	%w	0.5	max. 5.0	ASTM D6184
Evaporation Loss, 22h at 100°C	%w	1.2	max. 2.5	ASTM D2595
Copper Corrosion, 24h at 100°C	-	conform	SAE-AMS-G-4343	FTM-S-791-5309
Torque at -65°C (starting / 1h)	Nm	0.32 / 0.03	-- / --	ASTM D1478
Apparent Viscosity at -54°C and 20s-1	Pa.s	450	max. 500	ASTM D1092
Bearing Corrosion Test	-	pass	no corrosion	ASTM D1743
Elastomer NBR-L Compatibility, 168h at 70°C	%v	20	19 to 30	ASTM D4289
Oxidation Stability Test, pressure drop after 100 h	kPa	15	max. 35	ASTM D942

The values above are typical values. They do not constitute any contractual commitment.

Sales specifications are available on request. The present technical data sheet replaces all the previous editions.

