



SILICONE BASED GREASE, PNEUMATIC SYSTEM

NATO CODE G-394 – A-A-59173A Type II – DEF STAN 91-56 Iss. 3 – XG-315

AIRBUS CML 03JBA1

DESCRIPTION

Nyco Grease GN 68 is based on a liquid silicone oil thickened with a high-melting point lithium soap. It has an intrinsic low volatility to minimise contamination of the air by silicone oil vapours.

Nyco Grease GN 68 shall not be used in contact with silicone rubbers due to the risk of softening of the elastomer.

Nyco Grease GN 68 can be used from 73°C to +175°C.



MAIN APPLICATIONS

- Metal to rubber sliding contacts of pneumatic systems of civil and military aircraft and guided weapons.

Characteristic	Unit	Typical Result	DEF STAN 91-56 Limit	Test method
- Appearance	-	Smooth homogeneous beige grease	Smooth homogeneous	visual
- Dropping point	°C	250	min. 200	ASTM D 566
- Worked penetrability After 60 strokes	1/10 mm	280	265 to 305	ASTM D 217
- Evaporation loss, 22 h at 150°C	%m	2.5	max. 7.0	ASTM D 972
- Oil separation, 168 h at 40°C	%m	2	max. 7.0	FTM-S-791-321
- Copper corrosion, 24 h at 100°C	-	1b	max. 1b	ASTM D 4048
- Oxidation stability at 100°C, after 100h	kPa	21	max. 35	ASTM D 942
- Torque at -73°C (starting / 1h)	Nm	0.16 / 0.02	- / -	ASTM D 1478

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.

