



## EXTREME TEMPERATURE RANGE SILICONE GREASE

NATO CODE G-372 - MIL-G-25013 E - XG 300 - VJS PHM 5-3-L

AIRBUS CML 03JDA1 - ATR CML 04-010

### DESCRIPTION

**NYCO GREASE GN 25013** is an NLGI 2 Grade grease, based on a high performance silicone oil thickened with polytetrafluoroethylene and reinforced with anti-corrosion and antioxidant additives.

**NYCO GREASE GN 25013** is fully compatible with all types of elastomer but silicone rubber.

**NYCO GREASE GN 25013** can be used from -73°C to +232°C.



### APPLICATIONS

- Aircraft and helicopter airframe multipurpose grease (doors, flaps, slaps, landing gear, etc.)
- Ball and roller bearings with especially low torque at low temperature
- Screw actuators of aircraft
- Anti-seize, assembly, dismantling grease for tie bolts and nuts of wheels

CHARACTERISTIC	UNIT	TYPICAL RESULT	MIL-G-25013E LIMIT	TEST METHOD
Appearance	-	Homogenous, smooth white grease	Homogenous, smooth paste	visual
Dropping point	°C	240	min 230	ASTM D566
Worked penetrability After 60 strokes After 100 000 strokes	1/10mm	295 310	260 to 320 260 to 375	ASTM D217
Oil separation, 30h at 232°C	%w	6	max 7.5	ASTM D6184
Evaporation loss, 22h at 205°C	%w	2.7	max 4.0	ASTM D2595
Copper corrosion, 24h at 100°C	-	1b	max 1b	ASTM D4048
Oxidation stability, 100h at 121°C	kPa	14	max 35	ASTM D942
Rust preventive properties	-	pass	pass	ASTM D1743
Water washout at 40°C	%w	3	max 20	ASTM D1264
Torque at -73°C (starting / 1h)	Nm	0.08 / 0.01	max 0.35 / max 0.05	ASTM D1478
Bearing performance at 232°C	h	600	min 500	ASTM D3336

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