



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.



MAIN APPLICATIONS

- Aircraft and helicopter airframe multipurpose grease (doors, flaps, slaps, landing gear...)
- 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 D 566
- Worked penetrability After 60 strokes After 100 000 strokes	1/10mm	295 310	260 to 320 260 to 375	ASTM D 217
- Oil separation, 30h at 232°C	%w	6	max 7.5	ASTM D 6184
- Evaporation loss, 22h at 205°C	%w	2.7	max 4.0	ASTM D 2595
- Copper corrosion, 24h at 100°C	-	1b	max 1b	ASTM D 4048
- Oxidation stability, 100h at 121°C	kPa	14	max 35	ASTM D 942
- Rust preventive properties	-	pass	pass	ASTM D 1743
- Water washout at 40°C	%w	3	max 20	ASTM D 1264
- Torque at -73°C (starting / 1h)	Nm	0.08 / 0.01	max 0.35 / max 0.05	ASTM D 1478
- Bearing performance at 232°C	h	600	min 500	ASTM D 3336

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.

