



MINERAL AIRCRAFT GREASE

NATO CODE G-382 - DCSEA 382/A (ex-AIR 4215/B) - DEF STAN 91-12 Issue 1 - XG-271 - MIL-PRF-24139A - MIL-G-7711A (obsolete)

AIRBUS CML 03FBG1

DESCRIPTION

Nyco Grease GN 15 is a lithium grease based on a mineral oil with a viscosity of 5 cSt at 100°C. It is inhibited against corrosion and oxidation and has good water resistance.

Nyco Grease GN 15 can be used from -40°C to +121°C.



APPLICATIONS

- Airframe multipurpose grease (doors, flaps, slaps, landing gear, etc.)
- Anti-friction bearings, plain bearings & gearboxes

Can be technically replaced by the synthetic grease [Nyco Grease GN 148](#)

CHARACTERISTIC	UNIT	TYPICAL RESULT	DCSEA 382/A LIMIT	TEST METHOD
Appearance	-	pass	homogeneous smooth brown grease	visual
Dropping point	°C	193	min. 170	ASTM D566
Worked penetration After 60 strokes After 100 000 strokes Change P100000/P60	1/10 mm	274 315 31	265 to 295 - -5 to +45	ASTM D217 FTM-S-791-313
Oil separation, 30 h at 100°C	%	3.5	max. 5.0	ASTM D6184
Evaporation loss, 22 h at 100°C	%	0.8	max. 2.0	ASTM D972
Copper corrosion, 24 h at 100°C	-	1b	max. 1b	ASTM D4048
Torque at -40°C (starting / 1h)	Nm	0.8 / 0.04	max. 1 / max. 0.1	ASTM D1478
Bearing corrosion test	-	pass	no corrosion	ASTM D1743
Oxidation stability at 100°C, after 100h / 400h	kPa	7 / 28	max. 35 / max 100	ASTM D942
Elastomer NBR-L compatibility, 168h at 70°C	%v	12	max. 20	ASTM D4289
Water washout at 38°C	%w	2.3	max 10	ASTM D1264
Apparent viscosity at 0°C and 200s ⁻¹	Po	140	max 250 *	ASTM D1092

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.