



MINERAL AIRCRAFT GREASE

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

DESCRIPTION

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

APPLICATIONS

- Airframe multipurpose grease (doors, flaps, slaps, landing gear...)
- High to very high speed bearings & roller
- Helicopter systems
- Temperature range: -40°C to +120°C
- Substitute to NYCO GREASE GN 05 at low temperature

Superseded by the synthetic grease **Nyco Grease GN 148**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 D 566
- Worked penetration				ASTM D 217
After 60 strokes		274	265 to 295	
After 100 000 strokes	1/10 mm	315	-	
Change P100000/P60		31	-5 to +45	FTM-S-791-313
- Oil separation, 30 h at 100°C	%	3.5	max. 5.0	ASTM D 6184
- Evaporation loss, 22 h at 100°C	%	0.8	max. 2.0	ASTM D 972
- Copper corrosion, 24 h at 100°C	-	1b	max. 1b	ASTM D 4048
- Torque at -40°C (starting / 1h)	Nm	0.8 / 0.04	max. 1 / max. 0.1	ASTM D 1478
- Bearing corrosion test	-	pass	no corrosion	ASTM D 1743
- Oxidation stability at 100°C, after 100h / 400h	kPa	7 / 28	max. 35 / max 100	ASTM D 942
- Elastomer NBR-L compatibility, 168h at 70°C	%v	12	max. 20	ASTM D 4289
- Water washout at 38°C	%w	2.3	max 10	ASTM D 1264

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.

