

## AIRCRAFT SYNTHETIC GREASE WITH SOLID LUBRICANT

NATO CODE G-353 - DCSEA 354/B (ex-AIR 4217, ex-DCSEA 354/A) - MIL-G-21164 D  
 AIRBUS CML 03HEB1 - ATR CML 04-002 - BOEING CML D00014

### DESCRIPTION

**Nyco Grease GN 17** is a soft NLGI 2 grease, based on a synthetic diester oil thickened with a lithium soap. It is fortified with anti-corrosion, antioxidant and anti-wear additives. It also contains 5% of molybdenum disulphide as solid lubricant.

**Nyco Grease GN 17** can be used from -73°C to +121°C



### APPLICATIONS

- Airframe multipurpose grease (actuators, doors, flaps, slaps, landing gear, THS, ...)
- Shock-loading bearings & rollers
- Parts in sliding motion

CHARACTERISTIC	UNIT	TYPICAL RESULT	MIL-G-21164 D LIMIT	TEST METHOD
Appearance	-	conform	Homogeneous, brown colour	visual
Viscosity of Base Oil At 40°C At 100°C	mm <sup>2</sup> /s	13 3	- -	ASTM D445
Dropping point	°C	187	min. 165	ASTM D566
Worked penetrability After 60 strokes After 100 000 strokes	1/10 mm	280 295	260 to 310 260 to 375	ASTM D217 FTM-S-791-313
Oil separation, 30 h at 100°C	%w	2.0	max. 5.0	ASTM D6184
Evaporation loss, 22 h at 100°C	%w	0.7	max. 2.0	ASTM D2595
Copper corrosion, 24 h at 100°C	-	1b	max. 1b	ASTM D4048
Load carrying capacity (LWI)	daN	64	min. 50	ASTM D2596
Torque at -73°C (starting / 1h)	Nm	0.5 / 0.04	max 1.00 / max 0.10	ASTM D1478
Oxidation stability at 100°C (100h / 500h)	kPa	17 / 63	max. 70 / max 105	ASTM D942
Molybdenum disulphide content	%w	5.0	4.5 to 5.5	FTM-S-791-3720
Water washout at 38°C	%w	2.3	max 20	ASTM D1264

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.