



AIRCRAFT SYNTHETIC GREASE WITH SOLID LUBRICANT

NATO CODE G-353

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, etc.)
- Shock-loading bearings & rollers
- Parts in sliding motion

SPECIFICATIONS * / OEM's & Airframers reference

- Approved DCSEA 354/B (ex. DCSEA 353/A)
- Approved MIL-G-21164 D
- Listed in Airbus CML 03HEB1
- Listed in ATR CML 04-002
- Listed in Boeing CML D00014
- Listed in Airbus Helicopters CM140
- Substitute to TU 38 101577-76
- Substitute to SVINTSOL 01
- Substitute to TU 38 1011048-85
- Substitute to VNII NP-254
- Substitute to TU 38 101359-73
- Substitute to VNII NP-242

* **Approved:** The product has been approved by the relevant authority. The product is referenced on the applicable qualified product list.

Substitute: The product has not been developed to meet the specification requirements but can be used as a substitute to the Russian product.

CHARACTERISTIC	UNIT	TYPICAL RESULT	MIL-G-21164 D LIMIT	TEST METHOD
Appearance	-	conform	Homogeneous, brown color	Visual
Viscosity of Base Oil at 40°C at 100°C	mm ² /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 Disulfide 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.