



## GENERAL PURPOSE AIRCRAFT SYNTHETIC GREASE

**NATO CODE G-354**

### DESCRIPTION

Nyco Grease GN 10 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 strong anti-wear additives.

Nyco Grease GN 10 can be used from -73°C to +121°C.



### APPLICATIONS

- Airframe multipurpose grease (actuators, doors, flaps, slats, landing gear, THS, etc.) of most civil and military aircrafts and helicopters

### SPECIFICATIONS \* / OEM's & Airframers reference

- Approved MIL-PRF-23827 C Type I Amd2
- Approved DCSEA 354/B (ex AIR 4210)
- Listed in Airbus CML 03HBC1
- Listed in Airbus CML 03HBD9
- Listed in CML PMC 79671
- Listed in Airbus Helicopters CM115
- Listed in ATR CML 04-023C
- Substitute to GOST 6267-74
- Substitute to CIATIM 201
- Substitute to TU 38 001116-84
- Substitute to N° 9

\* **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-PRF-23827 LIMIT	TEST METHOD
Appearance	-	Conform	Homogeneous, brown grease	Visual
Viscosity of Base Oil at 40°C at 100°C	mm <sup>2</sup> /s	13 3	- -	ASTM D445
Dropping Point	°C	186	min. 170	ASTM D566
Worked Penetrability after 60 strokes after 100000 strokes	1/10 mm	283 291	270 to 310 270 to 360	ASTM D217 FTM-S-791-313
Oil Separation, 30 h at 100°C	%w	2.6	max. 5.0	ASTM D6184
Evaporation Loss, 22 h at 100°C	%w	0.8	max. 2.0	ASTM D2595
Oxidation Stability at 100°C, after 100h / 500h	kPa	14 / 63	max 40 / max 105	ASTM D942
Water Washout at 38°C	%w	4.9	max 10	ASTM D1264
Torque at -73°C (starting / 1h)	Nm	0.6 / 0.05	max 1.00 / max 0.10	ASTM D1478
Load Carrying Capacity (LWI)	daN	36	min. 30	ASTM D2596

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.

