



## GENERAL PURPOSE AIRCRAFT SYNTHETIC GREASE

**NATO CODE G-354 – DCSEA 354/A (ex-AIR 4210)**

**MIL-PRF 23827 C Amdt 2 Type I**

### 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.



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### MAIN APPLICATIONS

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

**Airbus CML 03HBC1 & 03HBD9**

**ATR CML 04-004A & 04-023C**

Superseded by **Nyco Grease GN 148**

Characteristic	Unit	Typical Result	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 D 445
- Dropping point	°C	186	min. 165	ASTM D 566
- Worked penetrability After 60 strokes After 100000 strokes	1/10 mm	283 291	270 to 310 270 to 375	ASTM D 217 FTM-S-791-313
- Oil separation, 30 h at 100°C	%w	2.6	max. 5.0	ASTM D 6184
- Evaporation loss, 22 h at 100°C	%w	0.8	max. 2.0	ASTM D 2595
- Oxidation stability at 100°C, after 100h / 500h	kPa	14 / 63	max 40 / max 105	ASTM D 942
- Water washout at 38°C	%w	4.9	max 20	ASTM D 1264
- Torque at -73°C (starting / 1h)	Nm	0.6 / 0.05	max 1.00 / max 0.10	ASTM D 1478
- Load carrying capacity (LWI)	daN	36	min. 30	ASTM D 2596

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.

