

HEAVY DUTY MULTIPURPOSE GREASE

NATO CODE G-421

DESCRIPTION

NYCO GREASE GN 140 is a multipurpose grease prepared from a semi-synthetic oil blend thickened with a lithium complex soap and suitable additives.

APPLICATIONS

NYCO GREASE GN 140 has been designed as long life grease to provide long term lubrication in arduous operation environments (heavy loads and shocks).

It is recommended for the lubrication of gearboxes, anti-friction bearings, plain bearings and other mechanisms over the temperature range -50°C to +170°C and where satisfactory performance in the presence of water is required.

NYCO GREASE GN 140 has an excellent corrosion protection and is highly resistant to water washout.

SPECIFICATIONS * / OEM's & Airframers reference

- Equivalent to DEF STAN 91-105 Issue 2 / XG 291

* **Equivalent:** The product complies with the major requirements of the specification



CHARACTERISTIC	UNIT	TYPICAL RESULT	DEF STAN 91-105/2 LIMIT	TEST METHOD
Appearance	-	Conform, brown grease	Homogeneous free from visible impurities	Visual examination
Dropping Point	°C	> 230	min. 230	ASTM D566 / IP 396
Worked Penetrability after 60 strokes	1/10 mm	265 - 305	265 to 295	ASTM D217
Copper Corrosion, 24h at 100°C	-	1a	max. 1b	ASTM D4048 / IP 112
Oxidation Stability at 100°C, after 100h	kPa	30	max. 50	ASTM D942
Bearing Corrosion, EMCOR Test, distilled water	rating	0	max. 1	IP 220
4-ball machine, weld load	kgf	450	min. 280	IP 239
Water Washout at 40°C	%w	1	max 5	ASTM D1264 / IP 215
Torque at -40°C with 10% water (starting / 1h)	Nm	Pass / Pass	max 250 / max 150	IP 186
Torque at -50°C (starting / 1h)	Nm	0.39 / 0.275	-	IP 186
Wheel Bearing Leakage	g	0.4	max. 5	ASTM D1263
Oil Separation, 168h at 40°C	%w	4	max. 6	ASTM D1742

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