



MULTIPURPOSE AIRCRAFT SYNTHETIC GREASE

DESCRIPTION

Nyco Grease GN 22 is a non-soap thickened grease, based on a synthetic hydrocarbon oil. It is inhibited against corrosion, oxidation and contains anti-wear/extreme pressure additives.



APPLICATIONS

Nyco Grease GN 22 is a multipurpose grease approved by CIAM as substitute for the following Russian greases.

SPECIFICATIONS * / OEM's & Airframers reference

- Analog to GOST 6267-74
- Analog to GOST 8773-73
- Analog to GOST 9433-80
- Analog to TU 38 101950-00
- Analog to TU 38 1011051-87
- Analog to GOST 19774-74
- Analog to CIATIM 201
- Analog to CIATIM 203
- Analog to CIATIM 221
- Analog to Era
- Analog to VNII-NP-286M
- Analog to SAPFIR
- Analog to VNII NP-261
- Analog to VNII NP-207

* **Analog:** The product complies with the major requirements of the Russian specification. The product is referenced on the product list recommended for Russian aviation by the Central Institute of Aviation Motors (CIAM).

CHARACTERISTIC	UNIT	TYPICAL RESULT	MIL-PRF-81322 G LIMIT	TEST METHOD
Appearance	-	homogeneous, smooth red grease	homogeneous, smooth grease	Visual examination
Dropping Point	°C	265	min. 232	ASTM D566
Worked Penetrability after 60 strokes after 100 000 strokes	1/10 mm	276 330	265 - 320 max. 350	ASTM D217 FTM-S-791-313
Oil Separation, 30 h at 177°C	%w	5.1	2.0 - 8.0	ASTM D6184
Evaporation Loss, 22 h at 177°C	%w	4.9	max. 10.0	ASTM D2595
Copper Corrosion, 24h at 100°C	-	1a	max. 1b	ASTM D4048
Steel on steel wear, 1h at 392 N	mm	0.7	max. 0.80	ASTM D2266
Load Carrying Capacity (LWI)	daN	36	min. 30.0	ASTM D2596
Bearing Performance at 177°C	h	pass	min 400	ASTM D3336
Oxidation Stability at 100°C, after 100h / 500h	kPa	21 / 63	max. 83 / max 172	ASTM D942
Water Washout at 38°C	%w	2.0	max 20	ASTM D1264
Torque at -54°C (starting / 1h)	Nm	0.24 / 0.04	max 1.00 / max 0.10	ASTM D1478
Bearing Corrosion test	-	pass	no corrosion	ASTM D1743
Elastomer NBR-L Compatibility, 168h at 70°C	%v	3	max. 10	ASTM D4289

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.