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NYCO GREASE GN 22

G-395
XG-293
AIR 4222 Iss.1
MIL-PRF 81322 F Gr.2
DEF-STAN 91-52 Iss.1 Amd.1

GENERAL PURPOSE AIRCRAFT SYNTHETIC GREASE

DESCRIPTION :

NYCO GREASE GN 22 is a NLGI 2, clay-thickened grease, based on a synthetic hydrocarbon oil with a viscosity of 6 cSt at 100°C. It is inhibited against corrosion, oxidation and contains anti-wear/extreme pressure additives.

APPLICATION :



NYCO GREASE GN 22 is a general purpose grease that is able to withstand the most severe conditions encountered in an aircraft, including high loads/high temperature, and water contamination, such as in wheel bearings. It is also used on numerous other components such as control systems, screw-jacks, instruments, airframe pins and joints, or landing gear mechanism.

NYCO GREASE GN 22 can readily replace most of the old generation mineral-based aviation greases, enabling easier aircraft maintenance without risks of mistakes.

It can not be used in equipment exposed to extremely low temperature below - 55°C and/or components activated by low-power motors.

NYCO GREASE GN 22 is validated for use on all Boeing aircraft (Service Information Letter SIL August 12, 1993) as well as Airbus, ATR, Fokker, Bombardier or Embraer on the basis of the MIL-PRF-81322 approval.

CHARACTERISTIC	UNIT	RESULT	LIMIT *	TEST METHOD
- Dropping point	°C	> 300	min. 232	ASTM D 2265
- Penetrability	1/10 mm			
Unworked		273	report	ASTM D 217
Worked				
60 strokes		283	265 - 295	ASTM D 217
100 000 strokes		328	max. 350	FRTM-S-791-313
- Oil separation				FTM-S-791-321
30 h at 177°C				
Mass fraction	%	5.6	2.0 - 8.0	
- Evaporation loss				ASTM D 2595
22 h at 177°C				
Mass fraction	%	4.5	max. 10.0	
- Copper corrosion	-	1a	max. 1b	ASTM D 4048
- Lubricity	m			ASTM D 2266
Scar diameter				
1 h - 392 N		0.72	max. 0.80	
- Load carrying capacity				ASTM D 2596
Mean Hertz load	daN	32.0	min. 30.0	
- Bearing performance	h			ASTM D 3336
at 177°C		pass	> 400	
- Foreign particles	nb/cm ³			FTM-S-791-3005
25 at 74 micrometers		300	max. 1000	
> = 75 micrometers		0	0	
- Hoffman oxidation test	kPa	28	max. 70	ASTM D 942
- Odour	-	conform	MIL-PRF-81322	clause 4.5.5 of the specification
- Filled packings test	-	conform	MIL-PRF-81322	visual examination

* MIL-PRF-81322 F Gr. 2

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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.