NYCO
AERONAUTICS & DEFENCE

NYCO GREASE GN 3058

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WHEEL BEARING WIDE TEMPERATURE RANGE SYNTHETIC GREASE

DESCRIPTION

Nyco Grease GN 3058 is a lithium complex thickened synthetic grease. It demonstrates high load carrying capability and good resistance to water wash-out and offers a very good protection from corrosion even in presence of salt water. Can be used from -54 to +175°C.

APPLICATIONS

- Wheel bearings of civil aircraft exposed to high load and high temperature during braking, as well as corrosive runaway de-icing fluids
- Landing gears

In process of replacing **MIL-PRF-81322** greases (Nyco Grease GN 22 or others of the same type) for wheel bearings.

SPECIFICATIONS * / OEM's & Airframers reference

- Approved SAE AMS-3058
- Approved Airbus AIMS-09-06-003
- Approved MIL-PRF-32014A
- Listed in Airbus CML 03GCC1

* **Approved:** The product has been approved by the relevant authority. The product is referenced on the applicable qualified product list.

CHARACTERISTIC	UNIT	TYPICAL VALUE	SAE-AMS-3058 LIMIT	TEST METHODS
Appearance	-	Pass	Light tan to amber, smooth, homogenous	Visual examination
Penetration, 60 strokes worked	1/10 mm	284	265 - 305	ASTM D217
Dropping Point	°C	259	min. 250	ASTM D566
Oil Separation, 30 h at 175°C	% m/m	3.2	max. 8	ASTM D6184
Evaporation Loss, 22 h at 175°C	% m/m	3.6	max. 10	ASTM D2595
Load Carrying Capacity, 4-ball test **Load Wear Index** **Weld Load**	 daN kg	 67 360	 min. 50 min. 315	ASTM D2596
Steel on steel wear, 4-ball test	mm	0.56	max. 0.7	ASTM D2266
Water Washout at 79°C	% m/m	1.1	max. 15	ASTM D1264
Low Temperature Torque at -54°C **Starting** **Running**	Nm	 1.20 0.16	 max 2.0 max 0.5	ASTM D1478
Oxidation Stability Test, pressure drop **after 100 h** **after 500 h**	kPa	 15 40	 max. 35 max. 105	ASTM D942
Copper Corrosion	rating	1a	max. 1b	ASTM D4048
EMCOR Rust Prevention, 3% NaCl	rating	0/0	max. 1/1	ASTM D6138

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

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