



WHEEL BEARING WIDE TEMPERATURE RANGE SYNTHETIC GREASE **NATO CODE G-382**

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 and military aircraft exposed to high load and high temperature during braking, as well as corrosive runaway de-icing fluids
- Landing gears
- Multi-purpose grease for general aviation (propellers, airframe) and military aircraft

SPECIFICATIONS * / OEM's & Airframers reference

- Approved SAE AMS 3058
- Approved Airbus AIMS-09-06-003
- Approved MIL-PRF-32014 A
- Approved DCSEA 382/A
- Listed in Airbus CML 03GCC1
- Listed in Boeing CML D50255
- Substitute to TU 38 1011219-95
- Substitute to NK-50

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

Substitute: The product has not been developed to meet the specification requirements but can be used as a substitute to the Russian product.

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	278	265 - 305	ASTM D217
Dropping Point	°C	275	min. 250	ASTM D566
Oil Separation, 30 h at 175°C	% m/m	5	max. 8	ASTM D6184
Evaporation Loss, 22 h at 175°C	% m/m	2	max. 10	ASTM D2595
Load Carrying Capacity, 4-ball test	daN	56	min. 50	ASTM D2596
Load Wear Index	kg	372	min. 315	
Weld Load	mm	0.50	max. 0.7	ASTM D2266
Steel on steel wear, 4-ball test				
Water Washout				
At 79°C	% m/m	0.90	max. 15	ASTM D1264
At 38±2°C		0.44	max. 10*	
Low Temperature Torque at -54°C (Starting / Running)	Nm	0.69 / 0.15	max. 2.0 / max. 0.5	ASTM D1478
Oxidation Stability Test, pressure drop				
After 100 h	kPa	18	max. 35	ASTM D942
After 500 h		76	max. 105	
Copper Corrosion	rating	1a	max. 1b	ASTM D4048
EMCOR Rust Prevention, 3% NaCl	rating	0/0	max. 1/1	ASTM D6138
Performance test	h	Pass	min. 200*	LSEA-G-02 (Modified ASTM D3336)

*DCSEA 382/A limits

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.

