



## HIGH TEMPERATURE SYNTHETIC GREASE

NATO CODE G-361 - DCSEA 361/B (EX- AIR 4207) - MIL-G-25760 (OBSOLETE)

AIRBUS CML 03GGA9 - ATR CML 04-005

### DESCRIPTION

**Nyco Grease GN 07** is a clay-thickened NLGI 2 grease, based on a highly thermostable polyol ester with a viscosity of 5 cSt at 100°C. It contains specific high temperature anti-oxidants and has strong extreme- pressure properties.

### APPLICATIONS

**Nyco Grease GN 07** has excellent load carrying stability and is most suitable in anti-friction bearings at high thrust load and high temperature up to + 180°C. It has also good water resistant properties, making it suitable as wheel bearing grease for aircraft with high landing speeds.



CHARACTERISTIC	UNIT	TYPICAL RESULT	DCSEA 361/B LIMIT	TEST METHOD
Appearance	-	conform	Brown smooth homogeneous	Visual
Dropping point	°C	260	min. 250	ASTM D566
Worked penetration 60 strokes 100 000 strokes	1/10 mm	280 305	270 to 310 max. 360	ASTM D217 FTM-S-791-313
Evaporation loss, 22 h at 177°C	%w	5.0	max. 7.0	ASTM D972
Oil separation, 30 h at 177°C	%w	5.1	max. 6.5	ASTM D6184
Copper corrosion, 24 h at 100°C	-	1b	max 1b	ASTM D4048
Oxidation stability at 100°C (100h / 500h)	kPa	7 / 28	max. 40 / max. 100	ASTM D942
Load carrying capacity	daN	45	min. 30	ASTM D2596
Torque at -40°C (starting / 1h)	Nm	0.3 / 0.04	max. 1 / max. 0.1	ASTM D1478
Water washout at 40°C	%w	2.3	max. 10	ASTM D1264
Bearing corrosion protection	-	pass	no corrosion	ASTM D1743

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.