



HIGH TEMPERATURE SYNTHETIC GREASE

NATO CODE G-361 – DCSEA 361/B – (ex- AIR 4207) – MIL-G-25760 (Obsolete)

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.



APPLICATION

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 D 566
- Worked penetration 60 strokes 100 000 strokes	1/10 mm	280 305	270 to 310 max. 360	ASTM D 217 FTM-S-791-313
- Evaporation loss, 22 h at 177°C	%w	5.0	max. 7.0	ASTM D 972
- Oil separation, 30 h at 177°C	%w	5.1	max. 6.5	ASTM D 6184
- Copper corrosion, 24 h at 100°C	-	1b	max 1b	ASTM D 4048
- Oxidation stability at 100°C , after 100h / 500h	kPa	7 / 28	max. 40 / max. 100	ASTM D 942
- Load carrying capacity	daN	45	min. 30	ASTM D 2596
- Torque at -40°C (starting / 1h)	Nm	0.3 / 0.04	max. 1 / max. 0.1	ASTM D 1478
- Water washout at 40°C	%w	2.3	max. 10	ASTM D 1264
- Bearing corrosion protection	-	pass	no corrosion	ASTM D 1743

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.

