NYCO
AERONAUTICS & DEFENCE

# NYCO GREASE GN 07

TECHNICAL DATA SHEET

## HIGH TEMPERATURE SYNTHETIC GREASE

## NATO CODE G-361

## 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.

## SPECIFICATIONS * / OEM's & Airframers reference

- Approved DCSEA 361/B (ex AIR 4207)
- Meets MIL-G-25760 A (obs)
- Listed in Airbus CML 03GGA9
- Listed in ATR CML 04-005

* **Approved:** The product has been approved by the relevant authority. The product is referenced on the applicable qualified product list.
**Meets:** The product complies with all the requirements of the specification and has not been formally approved or approval is in progress or the specification is obsolete.

| 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**<br>**60 strokes**<br>**100 000 strokes** | 1/10 mm | 280<br>305 | 270 to 310<br>max. 360 | ASTM D217<br>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.*


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