

PX3 AERO GREASE 803

Lubricants are our specialty. PX3 lubrication" has more than 10 years experience of manufacturing and supplying lubricants in Iran.

PX3 lubrication" is one of the most trusted brands in Iran along with world's latest technology has steady efforts in progressing and innovation.

Non-soap multipurpose grease General purpose grease for Helicopters

Advantages and benefits:

PX3 AERO GREASE 803 is a helicopter multi-purpose grease composed of a mineral oil and non soap thickener, possessing outstanding anti-fret and anti-moisture corrosion properties. It is oxidation and corrosion inhibited. The useful operating temperature range is -50°C to $+122^{\circ}\text{C}$.

Applications:

PX3-803 is the leading helicopter multi-purpose grease and is approved by all helicopter manufacturers. Owing to its anti-fret properties, **PX3-803** is particularly suitable for the lubrication of helicopter main and tail rotor bearings, splines, etc.

Technical data:

| Specifications | | | MIL-G-25537C | Typical |
|--------------------------------------|--|-----------------------------|--------------|----------------|
| Oil type | | | - | Mineral |
| Thickener type | | | - | Calcium soap |
| Useful operating temperature range | | °C | - | -50 to $+93$ |
| Drop point | | °C | 140 min | 148 |
| Worked penetration | | @ 25°C | 265 to 305 | 273 |
| Unworked penetration | | @ 25°C | 200 min | 269 |
| Bomb oxidation pressure drop 100 hrs | | @ 99°C MPa | 0.0345 max | 0.0207 |
| Bomb oxidation pressure drop 400 hrs | | @ 99°C MPa | 0.1378 max | 0.0689 |
| Oil separation 30 hrs | | @ 100°C % m | 5.0 max | 1.5 |
| Water resistance test loss | | % m | - | 7.2 |
| Evaporation loss 22 hrs | | @ 100°C % m | 7.0 max | 5.6 |
| Antifriction bearing performance | | @ 93°C hrs | - | 1700+ |
| Copper corrosion 24 hrs | | @ 100°C | Must pass | Passes |
| Bearing protection 2 days | | @ 52°C | Must pass | Passes |
| Color | | | - | Light brown |

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