

PX3 AERO GREASE 801

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 Premium Aero grease Heavy load, High speed, wide temperature range

Advantages and benefits:

PX3 AERO GREASE 801 is a versatile advanced general purpose grease composed of a synthetic hydrocarbon oil and non-soap thickener, with outstanding performance characteristics. Appropriate additives are included to achieve the necessary oxidation and corrosion resistance, anti-wear properties and load carrying properties. The useful operating temperature range is -65°C to +204°C.

Applications:

PX3-801 is especially recommended for use wherever severe operating conditions are encountered as in high bearing loads, high speeds, wide operating temperature range, and particularly where long grease retention and high resistance to water washout are required.

The wide range of applications include aircraft wheel bearings, engine accessories, control systems, actuators, screw-jacks, servo mechanisms and electric motors, helicopter rotor bearings, instruments, airframe lubrication, hinge pins, static joints, landing gears.

Technical data:

SPECIFICATIONS	Conditions	Methods	Unit	Value	MIL-PRF-81322 G limit
Appearance		visual		homogeneous, smooth grease	homogeneous, smooth grease
Colour				Beige	-
Dropping point		ASTM D 566	°C	265	min. 232
Worked penetration	After 60 strokes	ASTM D 217	1/10	276	265 - 320
	After 100 000 strokes	FTM-S-791-313	mm	330	max. 350
Evaporation loss	22 h at 177°C	ASTM D 2595	%w	4.9	max. 10.0
Oil separation	30 h at 177°C	ASTM D 6184	%w	5.1	2.0 - 8.0
Oxidation resistance	at 100°C, after 100h / 500h	ASTM D 942	kPa	21 / 63	max. 83 / max 172
Copper corrosion	24h at 100°C	ASTM D 4048		1a	max. 1b
Load carrying capacity			daN	36	min. 30.0
Water washout	at 38°C	ASTM D 1264	%w	2.0	max 20
Bearing corrosion test		ASTM D 1743		pass	no corrosion

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