

# PX3 - 302

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.

## Aluminum complex grease

**Adhesive lubrication and protection of wire ropes and heavily loaded tooth flanks and sliding surfaces.**

### Advantages and benefits:

- High effectiveness thanks to graphite share
- Extremely low friction at highest load
- Increased operational reliability of moving parts due to run-in-supporting formation of sliding film
- Minimum consumption due to realisable thin film lubrication
- Excellent pressure resistance
- Waterproof
- Excellent pumpability
- Prevents the buildup of dust and dirt

### Applications:

- Lubrication of tooth flanks and sliding surfaces of machine elements of all types, for example sliding bearings, slideways, guides, etc.
- Run-in lubrication of heavily loaded tooth flanks and sliding surfaces
- Lubrication of jackscrews in the motor vehicle and train technology
- Cable lubrication

### Main fields of application:

- Wire rope dressing
- Port and offshore fields
- Building machine industry
- Wind energy plants

### Technical data:

Specification	Methods	Conditions	Unit	Value
Base oil Type				Mineral / synthetic oil
Thickener Type				Aluminum soap
Consistency	DIN 51 818	DIN ISO 2137	NLGI- class	0 - 00 - 1
Drop point	DIN ISO 2176			> 220
Worked penetration	DIN ISO 2137	60 Dh	0,1 mm	310 - 340
Additives				Graphite
Oil separation	DIN 51 817	18h/40°C 168h/40°C	Weight-% Weight-%	0,00 0,14
Water wash out	ISO 11009	38°C	[%]	<1
Minimum service temperature		-40 °C		
Maximum service temperature		120 °C		
Color		Dark gray - Black		

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