

## PD SYNTH GREASE - 1&2

### HIGH PERFORMANCE SYNTHETIC GREASE

#### DESCRIPTION

These greases are high performance Lithium Complex soap thickener-based grease with incorporating high dosage of Special imported synthetic Additive package an improvement additive system based with extreme pressure additive and combination of high viscosity of synthetic & ester base oils are forming a stable lubricant film to withstand high continuous loads, high shock loads and heavy vibrations. Due to special synthetic additive package, this grease gives, resistance to water washout for equipment protection, extremely smooth surfaces resulting in minimum wear and reduces maintenance cost and extend the life of equipment and very low co-efficient of friction elements, avoiding seizure & expensive repairs.

#### APPLICATIONS

- PD SYNTH grease is used for continuous high temperatures or intermittent very high temperatures is experienced. Wide operating temperature range: -30°C to +180°C.
- It is recommended for application such as furnace door bearings and kiln car wheel bearings and for general industrial lubrication where non-melting grease is required.
- PD SYNTH -1 & 2 is highly recommended for roller and Sliding Bearings, Spindles, Steel, Cement, Paper, Chemical, Mining, Construction Industry & VSI in Stone Crushers.

#### ADVANTAGES & BENEFITS

- Very stable to shearing and oxidation - Extended re-greasing intervals
- Provides superior protection against fatigue wear, abrasive wear and pitting or fretting corrosion with extension of equipment life
- Resistance to water wash out - Better bearing protection and lower grease consumption
- Lead and Chlorine free - Less impact to the environment
- Better bearing protection and lower grease consumption & immediate monetary savings
- Extend bearing's life , gives longer re-lubrication intervals and reduce energy consumption (low co-efficient of friction).

## Typical Properties

Properties	Test Method	PD - 1	PD - 2
NLGI Grade	-	1	2
Appearance / Structure	Visual	Brownish red , buttery & smooth	
Thickener Type	Lithium Complex		
Worked Penetration @25°C , after 60 strokes , 0.1 mm units	ASTM D217	310 - 340	265 - 295
Solid Lubricants	Organo Molybdenum complex + 5 - 10% PAO based solid lubricant		
Drop point	ASTM D2265	250	260
Viscosity of base oil @40°C , cST , Min	ASTM D455	100 - 130	
Water Washout , @79°C Max, %wt	ASTM D1264	<5	<5
Roll Stability% Change, Max	ASTM D1831	8	8
Copper Strip Corrosion @100°C for 24 hrs	ASTM D4048	1A	1A
Coefficient Of Friction	ASTM D5707	0.06	0.06
Water resistance @90°C	DIN 51805	1	1
Four ball Weld Load, Kg , Min	ASTM D2596	350	350

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 edition.

### Available Packs : 18 Kg, 180 Kg

#### Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website [www.slkkruizer.com](http://www.slkkruizer.com)

#### Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

#### Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

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