

Petronil Cup Grease

The Petronil Cup grease is produced using paraffin base oil and calcium soap thickener. This product is suitable for the general lubrication purposes in light working situations (as in load and speed) and because of its excellent resistance against moisture, is highly recommended for use in wet places.

Usages:

- Wet working situations as in water pumps.
- Industrial fittings, rails, hinges....
- Diversity of flat bearings.

Advantages:

- Extreme pumping properties (enabling easy pumping).
- High resistance against moisture.

Specifications:

Physical/ Chemical Spec.	Dimension / Unit	NLGI Grade	
		NLGI 2	NLGI 3
Thickener type	----	Calcium	Calcium
Worked penetration at 25 C°	0.1 mm	265 to 295	220 to 250
Operating temperature	C°	-20 to 60	-20 to 60
Drop point (min)	C°	95	95
Pumping properties (long distance)	----	Excellent	Good
Texture	----	Buttery	Buttery

Note: The above mentioned are some typical grades, special inquiries and other grades are available upon request.

Petronil SL Cup Grease

The Petronil SL Cup grease is produced using paraffin base oil, calcium soap thickener and a mixture of solid lubricants as Graphite that makes it suitable for the application on rough & porous surfaces.

Usages:

- Rough and porous surfaces of flat bearings.
- Water pumps.
- Marine, rail way, steel & ... industries.

Advantages:

- Improving mechanical and thermal characteristics of calcium greases by use of solid lubricants.
- High resistance against moisture.

Specifications:

Physical/ Chemical Spec.	Dimension / Unit	NLGI Grade	
		NLGI 2	NLGI 3
Thickener type	----	Calcium	Calcium
Worked penetration at 25 C°	0.1 mm	265 to 295	220 to 250
Operating temperature	C°	-20 to 60	-20 to 60
Drop point (min)	C°	95	95
Pumping properties (long distance)	----	Good	Good
Texture	----	Buttery	Buttery

Note: The above mentioned are some typical grades, special inquiries and other grades are available upon request.

Petronil Chassis Grease

The Petronil Chassis grease is produced using paraffin base oil and calcium soap thickener. The adhesion quality of this product in comparative with Cup grease is extremely greater.

Usages:

- Automobile chassis.
- Diversity of flat bearings.

Advantages:

- Extreme pumping properties (enabling easy pumping).
- High resistance against moisture.

Specifications:

Physical/ Chemical Spec.	Dimension / Unit	NLGI Grade	
		NLGI 2	NLGI 3
Thickener type	----	Calcium	Calcium
Worked penetration at 25 C°	0.1 mm	265 to 295	220 to 250
Operating temperature	C°	-20 to 60	-20 to 60
Drop point (min)	C°	95	95
Pumping properties (long distance)	----	Excellent	Good
Texture	----	Buttery	Buttery

Note: The above mentioned are some typical grades, special inquiries and other grades are available upon request.

Petronil SL Chassis Grease

This product is produced adding a mixture of solid lubricants as Graphite to chassis grease and is recommended for the cases that a calcium grease with high adhesion property is needed for the application on rough & porous surfaces.

Usages:

- Rough and porous surfaces of flat bearings.
- Pump shells.
- Marine, rail way, steel & ... industries.

Advantages:

- Improving mechanical and thermal characteristics of calcium greases by use of solid lubricants.
- High resistance against moisture.

Specifications:

Physical/ Chemical Spec.	Dimension / Unit	NLGI Grade	
		NLGI 2	NLGI 3
Thickener type	----	Calcium	Calcium
Worked penetration at 25 C°	0.1 mm	265 to 295	220 to 250
Operating temperature	C°	-20 to 60	-20 to 60
Drop point (min)	C°	95	95
Pumping properties (long distance)	----	Good	Good
Texture	----	Buttery	Buttery

Note: The above mentioned are some typical grades, special inquiries and other grades are available upon request.

Petronil Lithium Grease

The Petronil Lithium grease is a high quality and multi purpose grease being produced by paraffin base oil with high viscosity index, lithium soap thickener and suitable additives that inhibit corrosion & rusting.

Usages:

- Rotating and flat bearings.
- Moving parts and bearings in diverse rang of pumps, compressors and electric motors.
- Couplings.

Advantages:

- Extreme pumping properties (enabling easy pumping).
- High resistance against moisture.
- Protection against corrosion and rusting.
- Longer parts life.
- High mechanical strength.

Specifications:

Physical/ Chemical Spec.	Dimension / Unit	NLGI Grade		
		NLGI 1	NLGI 2	NLGI 3
Thickener type	----	Lithium	Lithium	Lithium
Worked penetration at 25 C°	0.1 mm	310 to 340	265 to 295	220 to 250
Operating temperature	C°	-20 to 120	-20 to 125	-20 to 125
Drop point (min)	C°	170	180	185
Pumping properties (long distance)	----	Excellent	Good	Fair
Texture	----	Smooth	Smooth	Smooth

Note: The above mentioned are some typical grades, special inquiries and other grades are available upon request.

Petronil Lithium EP Grease

The Petronil Lithium EP grease is a high quality product being produced by paraffin base oil with high viscosity index and lithium soap thickener. This product contains Extreme Pressure (EP) and anti corrosion, anti oxidation additives and is highly recommended for hard working situations (as in load, speed and high temperature).

Usages:

- Rotating and flat bearings.
- In diversity of machineries working in high load and temperature.
- Marine, steel & auto industries.

Advantages:

- Extreme pumping properties (enabling easy pumping).
- Excellent protection against wearing.
- Protection against corrosion and rusting.
- Longer parts life.
- High mechanical strength.

Specifications:

Physical/ Chemical Spec.	Dimensi on / Unit	NLGI Grade		
		NLGI 1	NLGI 2	NLGI 3
Thickener type	----	Lithium	Lithium	Lithium
Worked penetration at 25 C°	0.1 mm	310 to 340	265 to 295	220 to 250
Operating temperature	C°	-20 to 120	-20 to 125	-20 to 125
Drop point (min)	C°	175	180	185
Four ball OK Load	Kg	>250	>250	>250
Timken OK Load	Lb	>45	>45	>45
Pumping properties (long distance)	----	Excellent	Good	Fair
Texture	----	Smooth	Smooth	Smooth

Note: The above mentioned are some typical grades, special inquiries and other grades are available upon request.