

# LUBCHEM BM 1082 PC

Special calcium sulfonate grease for extreme requirements



## Description

**LUBCHEM BM 1082 PC** is a green-coloured synthetic long-term grease which is wide-range special grease. It consists of synthetic hydrocarbon oil and special calcium sulfonate soap. The product is a high-pressure grease with good pressure absorption properties for plain and spindle bearings. The thickener made of special calcium sulfonate soap ensures good adhesion to the component and good resistance to media. The additives contained in **Lubchem BM 1082 PC** increase wear protection.

**LUBCHEM BM 1082 PC** has a wide temperature range, is resistant to ageing and provides special corrosion protection. It is highly resistant to media, water and water vapour.

## Application

**LUBCHEM BM 1082 PC** is lubricating grease for e.g. rolling and plain bearings, pivoting bearings, small gears under especially the operating water and humidity conditions.

For rolling bearings with a high degree of sliding friction, e.g.

- tapered roller bearings
- cylinder roller bearings

For life lubricated deep groove ball bearings and rolling bearings, e.g. in

- paper-making machines (dry section)
- textile machine (dry section)
- electric motors
- hot air blows
- steel making machines

## Application method

**LUBCHEM BM 1082 PC** can be applied by grease guns, brush or spatula. And also can be pumped through all common types of lubrication systems.

## Storage

The minimum shelf life is approx. 36 months if the product is stored in its unopened original container in a dry, frost-free place.

## Pack sizes

- 15kg Pail
- 180kg Drum

## LUBCHEM BM 1082 PC

- Corrosion resistance
- Excellent resistance to water
- Good Oxidation Stability
- High upper service temperature up to 200°C with high dropping point
- Mechanical stability
- Low temperature performance
- Excellent Anti-wear & extreme pressure properties
- Radiation resistant grease
- Good sealing effect

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## Product Data Sheet

Test Item	Unit	Test Method	Test Result
Color	-	-	Green
Base oil Type	-	-	Synthetic hydrocarbon
Thickener	-	FT-IR	Calcium sulfonate
Worked Penetration (60W/25°C)	0.1mm	KS M ISO 2137 ASTM D 217	276
Drop Point	°C	ASTM D 2265	> 280
Oil Separation (100°C/24h)	Wt.%	ASTM D 6184	1.3
Evaporation Loss (99°C/22h)	Wt.%	ASTM D 972	0.22
Copper Corrosion (100°C/24h)	grade	ASTM D 4048	1a
Four Ball Wear (75°C×1200rpm×40Kg×1h)	mm	ASTM D 2266	0.40
Four Ball EP	Kg	ASTM D 2596	500