

GREASE BARIUM COMPLEX M 1-2

Product code: 264900401

Range of mineral based barium complex soap greases

This product is a technologically advanced range of barium complex soap based greases enhanced with excellent resistance to water washout, aging and acid and alkaline solutions. Shows also excellent performance in combination with hot water and vapour. This makes it a very suitable grease for a vast range of applications. Suitable for use in centralized lubrication systems.

Applications

- Water, acids, alkaline bleach pumps
- Extractors and fans in very wet environments (i.e. cooling waters)
- Plain bearings and bearings in the textile and leather industry
- Mechanisms exposed to vapour in the paper industry
- Wheel bearings in all types of vehicles and moving equipment
- Driers in the wood industry
- Chains and roller belts in the packing industry
- Anticorrosive protection in sprayers walls
- Centralized lubrication systems in granulating machines (Grease Barium Complex M 1-2)
- Spindles
- Engines
- High speed bearing in wet or chemical ambience
- Bearings exposed to vibrations or oscillations in heavy industries
- Sealing grease in labyrinth packing
- Bearing discs
- Cold and hot water tap grease lubrication
- Rotary joints

Benefits & Advantages

- Long life grease
- Extended bearing life
- Contributes to lower grease consumption
- Extends relubrication intervals
- Good pumpability
- Excellent adhesivity
- Load resistant
- Absorbs vibrations

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Typical Performance Data

Typical	Test Method	Value
Thickener, soap type		Barium complex
Base oil nature		Paraffinic
Base oil viscosity @ 40 °C, cSt		220
NLGI		1/2
Colour		Light brown
Penetration @ 25 °C , x 0,1 mm	ASTM D217	290/310
Drop point, °C	ASTM D566	>210
SKF/EMCOR corrosion test <ul style="list-style-type: none"> Distilled water Salt water 	DIN-51802	0 2
4-ball wear test <ul style="list-style-type: none"> Welding load, kg Wear scar diameter 1h/40 kg, mm 	IP-239	>350 <0.60
Copper strip corrosion, 24h/100 °C	ASTM D048	1b
Water washout, 80 °C, %	ASTM D1264	<2.7
Oil separation 7d/40 °C, %	IP-121	<4
Speed factor (dN)		3.5x10 ⁵
Working temperature range, °C		-10 – 145
Peak temperature, °C		170

All performance data on this Technical Data Sheet are indicative only and can vary during production.