

# GREASE-PLUS BAR-COMPLEX PH 2

GREASES

324900101



## RANGE OF MINERAL BASED BARIUM COMPLEX SOAP GREASES

This technologically advanced product line consists of barium complex soap-based greases, which offer excellent resistance to aging, water washout, acid and alkaline solutions. In addition, they exhibit superior performance even in the presence of hot water and vapor, making them highly suitable for a wide range of applications. These greases are also compatible with centralized lubrication systems. These products are suitable for a wide range of applications, including pumps and fans exposed to water, acids, and alkaline bleach in wet environments such as cooling waters. They are also suitable for use in plain bearings and bearings used in the textile and leather industries, mechanisms exposed to vapor in the paper industry, wheel bearings in various vehicles and moving equipment, dryers in the wood industry, chains and roller belts in the packing industry, and for providing anticorrosive protection for sprayer walls. They can be used in centralized lubrication systems in granulating machines, spindles, engines, and high-speed bearings in

wet or chemical environments. They are also effective for bearings exposed to vibrations or oscillations in heavy industries, as a sealing grease in labyrinth packing, for bearing discs, and for cold and hot water tap grease lubrication, as well as for use in rotary joints.

PROPERTY	METHOD	VALUE
Thickener, soap type		Barium complex
Base oil nature		Paraffinic
Base oil viscosity @ 40 °C, mm <sup>2</sup> /s		460
NLGI		2
Colour		Cream
Penetration @ 25 °C, x 0,1 mm	ASTM D217	265/295
Drop point, °C	ASTM D566	>210
SKF/EMCOR corrosion test - Distilled water	DIN 51 802	0
SKF/EMCOR corrosion test - Salt water	DIN 51 802	2
4-ball wear test - Welding load, kg	IP 239	>350
4-ball wear test - Wear scar diameter 1h/40 kg, mm	IP 239	<0.60
Copper corrosion 24h @ 100 °C	ASTM D4048	1b
Water washout, 80 °C, %	ASTM D1264	<4.5
Oil separation 7d/40 °C, %	IP 121	<4.5
Speed factor (dN)		1.5x10 <sup>5</sup>
Working temperature range, °C		-10 - 150
Peak temperature, °C		170

## CATEGORY

- Greases

## BENEFITS

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

