

GREASE-PLUS BAR-COMPLEX PM 1.5

GREASES

324900401



RANGE OF MINERAL BASED BARIUM COMPLEX SOAP GREASES

This grease range is composed of barium complex soap and boasts advanced technology that provides superior resistance to water washout, aging, acid and alkaline solutions. It also performs exceptionally well when exposed to hot water and vapor, making it suitable for a wide range of applications, including centralized lubrication systems. These products are suitable for a variety of applications, including pumps, extractors, and fans in very wet environments (such as cooling waters), plain bearings and bearings in the textile and leather industry, mechanisms exposed to vapor in the paper industry, wheel bearings in all types of vehicles and moving equipment, dryers in the wood industry, chains and roller belts in the packing industry, anti-corrosive protection in sprayers walls, centralized lubrication systems in granulating machines, spindles, engines, high-speed bearings in wet or chemical environments, bearings exposed to vibrations or oscillations in heavy industries, sealing grease in labyrinth packing, bearing discs, and cold and hot water tap grease lubrication, as

well as rotary joints.

PROPERTY	METHOD	VALUE
Thickener, soap type		Barium complex
Base oil nature		Paraffinic
Base oil viscosity @ 40 °C, mm ² /s		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 - 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	<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

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

All data on this technical data sheet is indicative only

202312V01



DYADE LUBRICANTS B.V.
TYPOGRAAF 16 | 6921 VB DUIVEN
THE NETHERLANDS

0031 (0) 316 745 745
INFO@DYADEGLOBAL.COM
WWW.DYADEGLOBAL.COM

DYADE MAINTAIN THE THINGS WE VALUE