

BG521

Multi-purpose EP bearing grease for use throughout industry

Product Overview

ROCOL® BG521 is a high performance bearing grease is designed for the effective lubrication and protection of all types of ball, roller and plain bearings found throughout industry.

ROCOL BG521 is a multi-purpose grease for a wide range of applications from high speed electric motor and fan bearings to slow moving bearings in slew gears, filler tables etc.

ROCOL BG521 is particularly suitable for use where improved pumpability is required.

Features and Benefits

- ROCOL BG521 has a wide temperature resistance ranging from -20°C to +140°C.
- The lithium soap technology and EP additives of ROCOL BG521 provides an excellent high load, EP performance of 315 kg that is superior to many standard soap thickened lubricants.
- ROCOL BG521 is particularly suitable for use where improved pumpability is required particularly where automatic lubricators are used with long pipe runs.
- ROCOL BG521 has excellent corrosion resistance to protect in humid, damp and even wet conditions.
- ROCOL BG521 is an extremely versatile multi-purpose grease.

Directions for Storage and Use

- ROCOL BG521 is designed for excellent pumpability in automatic lubrication systems but it can also be applied manually, by grease gun, keg pump or by other methods suitable for NLGI No. 1 greases.
- Compatible with other soap thickened greases. However, for best results the previous lubricant should be removed prior to application.
- The storage temperature should be controlled between +1°C and +40°C.
- Shelf life is 3 years from date of manufacture.

Typical Applications

ROCOL BG521 is designed for all types of ball, roller and plain bearings found in all types of industrial applications. Particularly suitable for high speed bearings and high load conditions.

ROCOL BG521 is ideal for all industries where a truly versatile high performance lubricant is required such as steelworks, water treatment, quarries, mining, agriculture, construction, textile, brick and tile works and most other industries.

ROCOL BG521 excels in applications such as electric motors, oven and refrigeration fans, robots, mechanical handling, palletisers and similar applications where bearings, pins, bushes, slides etc. are subjected to extreme conditions.

Pack Sizes

Pack Size	Part Code
50kg	12848

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Property	Test Method	Result
Appearance	Visual	Smooth dark brown grease
NLGI No.	IP 50 – ASTM D217	1
Base Type	N/A	Severely refined mineral oil
Base Fluid Viscosity at 40°C	IP 71	180cSt
Thickener	N/A	Lithium soap
Timken ‘OK’ Load	IP 326 – ASTM D2509	50lb
Temperature Range	N/A	-20°C to +140°C
4-Ball Weld Load	IP 239 – ASTM D2596	315kg
Oil Separation	IP 121	7% maximum
Oxidation Stability at 100°C (pressure drop after 100 hrs)	IP 142	4psi
Water Washout Test	IP 215 – ASTM D1264	5%
Emcor Corrosion Test	IP 220	0:0
Copper Corrosion Test	IP 112 – ASTM D130	Pass

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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