Rykon EP 2

Premium Performance Long Life Grease

Product description

Rykon EP 2 is our multipurpose product which works in many applications and provides good protection from wear, shock loading, and corrosion. This product does not contain moly.

Customer benefits and product features

Customer benefits

Rykon EP 2 greases deliver value for the off-road construction and mining industries by helping to provide:

- **Extreme pressure high-load carrying capacity**
  Protection against shock loading, thus promoting long bearing life.
- **Excellent corrosion and wear protection**
  Especially in wet conditions.
- **Excellent water resistance**
  Good resistance to wash-out of bearings in submerged or direct spray situations.
- **Excellent high temperature stability**
  Helps offer lasting bearing protection.
- **Outstanding low temperature pumpability**
  Easy handling in the container and grease dispensing equipment.

Product features

Rykon EP 2 greases utilize an overbased calcium complex thickener system that produces multipurpose, high performance products that help protect against corrosion, wear, and have high dropping points and good thermal stability. They are specially formulated for plain and anti-friction bearing applications operating under high stress/high load and wet conditions typically found in heavy duty off-road applications.
This line of grease was specifically designed to lubricate and protect equipment that is subjected to demanding conditions.

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Applications

Rykon EP 2 greases are designed for heavy duty in a wide variety of on-highway applications and light duty off-road vehicle and equipment applications.

Off-Road Construction

These greases display outstanding water washout and spray-off resistance properties in wet, off-road environments and offer excellent shock load extreme pressure (EP) protection. The unique additive technology of these products makes them tenacious at adhering to metal surfaces found in the off-road construction industry while helping to protect these vital components from rust and corrosion.

Applications for these greases include most types of heavy-duty earth moving machinery, including tractors (dozers), excavators, backhoes, shovels, high lifts, articulated loaders, haul trucks, tri-axle dumps and more. They are excellent for heavily loaded machine implement pins and bushings, and other applications operating in severe, high shockload environments where metal to metal contact wear often occurs.

Light Duty Off-Road Vehicles

These greases have applications in logging, agriculture and utilities. Use them in tractors, cherry pickers or any of a number of light duty off road vehicles.

Approvals, performance and recommendations

Rykon EP 2 greases are approved for the NLGI Certification Mark GC-LB.

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Typical test data

RYKON EP 2		
Product Code		**540946**
Operating temperature, °C (°F)		
Minimum[a]		-20(-4)
Maximum[b]		177(350)
ISO Viscosity Grade Base Oil Equivalent		220
Base Oil Viscosity, Kinematic		
cSt @ 40°C	ASTM D445	220
cSt @ 100°C	ASTM D445	19
Base Oil Viscosity Index	ASTM D2770	97
Thickener Type		Calcium Sulfonate Complex
Penetration, at 25°C Worked (60 stroke)	ASTM D217	280
Dropping Point, °C	ASTM D2265	316
Four Ball		
Weld Point, kg	ASTM D2596	800
Load Wear Index, kg	ASTM D2596	142
Four Ball Wear Scar, mm	ASTM D2266	0.5
Timken OK Load, lb	ASTM D2509	80
Copper Corrosion 3h at 100°C	ASTM D4048	1b
Bearing Rust	ASTM D1743	Pass
Salt Fog Test, hrs	ASTM B117	>1000
Water Washout, wt% loss at 80°C	ASTM D1264	2.5
Water Spray-off, wt% at 38°C	ASTM D4049	47
Flow Pressure at -20°C, mbar	DIN 51 805	917
Oil Separation, wt%	ASTM D1742	0.1
Molybdenum Disulfide Content,%		-
Texture		Tacky
Color		Tan

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Typical test data *cont…*

a. Minimum operating temperature is the lowest temperature at which a grease, already in place, could be expected to provide lubrication. Most greases cannot be pumped at these minimum temperatures.

b. Maximum operating temperature is the highest temperature at which the grease could be used with frequent (daily) relubrication.

ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the Product Information Center.

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the local market or conditions. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. For the most up-to-date, country-specific information, please contact your local customer service center.

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Chevron's Family of Brands

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