Rykon MP 2

Proven performance water resistant extreme pressure grease

Product description

Rykon® MP 2 is a calcium sulphonate complex thickened lubricating grease based on mineral oil. Designed with a functional thickener system, it offers high load carrying capability, making the product suitable for heavily loaded applications across industries including marine, construction, cement, and mining and quarrying.

Rykon MP 2 is formulated with antioxidants and corrosion inhibitors and does not contain conventional EP- and AW-additives since they are built in as an integral part of the soap structure. This advanced formulation is engineered to cope with high levels of water contamination while helping to maintain grease consistency under demanding operating conditions.

Customer benefits

- Designed to offer extreme pressure performance and high load carrying capability
- Helps provide corrosion and wear protection in demanding environments
- Designed to provide good resistance to water washout and water contamination
- Contributes to mechanical stability under high load and vibration conditions
- Helps support low temperature pumpability in centralised lubrication systems

Product highlights

- **Offers extreme pressure performance**
- **Helps provide corrosion and wear protection**
- **Designed to provide good water resistance**
- **Engineered for mechanical stability under high loads**
- **Good low temperature pumpability**

Selected specification standards include:

DIN	ISO
E DIN	

Applications

Rykon MP 2 is a multipurpose, high-performance product suitable for a range of applications including:

- Marine
- Off-Road Construction
- Surface and underground Mining and Quarry
- Cement
- Paper and Forest
- Light-Duty Off-Road Vehicles

The product is designed for plain and anti-friction bearing applications operating under high stress, high load, and wet conditions typically encountered in heavy-duty off-road environments. Its load carrying capability and water resistance help support reliable lubrication in hot, wet, and corrosive operating conditions.

Always confirm suitability with the original equipment manufacturer (OEM) recommendations.

Product maintenance and handling

Maintaining a clean work environment is critical when equipment greasing is performed. Grease fittings should be wiped clean prior to grease injection to prevent contaminants from entering the equipment. Bearing housing should be maintained one-third to one-half full of grease. Over-greasing should be avoided as excessive heat build-up can result. Periodic relubrication via grease gun or centralized system should be supplemented by complete cleaning and packing with fresh grease on an appropriate schedule.

When applying the grease, always avoid contamination by dust, dirt, or other contaminants.

Avoid any spillage of used and unused product to the environment.

Product residue and package/container should be disposed of in dedicated collection points.

Approvals, performance and suitable for use

Performance

	DIN 51502:1990	ISO 12924	E DIN 51502-4:2024-12	Operating temperature
Rykon MP 2	KP 2N-30	ISO-L-XC(F)DIB2	KCSX P2-30+140M220	-30°C up to 140°C (maximum intermittent temperature: +180°C)

Typical test data

Test	Test Methods	Results
Viscosity Grade		**NLGI 2**
Typical Shelf Life: 36 months from date of filling indicated on the product label		
Thickener type		Calcium sulphonate complex
Base oil Type		Mineral
Texture		Smooth
Colour		Brown
Dropping point, °C	DIN ISO 2176	>280
Density at 15°C, kg/l	IP 530	1.000
Base Oil Viscosity at 40°C, mm²/s	ASTM D7152	280
Base Oil Viscosity at 100°C, mm²/s	ASTM D7152	19
Penetration worked, 60 strokes, mm/10	DIN ISO 2137	265-295
Four Ball Weld Load, daN	DIN 51350/1,4	6500
Water resistance static at 90°C	DIN 51807/1	1
Water resistance dynamic at 79°C	ISO 11009	<5%
Emcor salt water	ISO 11007	0-0
Low temperature torque at -30°C:	ASTM D1478	
Starting torque, mN.m		594.55
1 hour running torque, mN.m		73.34
SKF R2F B at 140°C	SKF Former DIN 51806	Pass

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

When disposing of used product, take care to protect the environment and follow local legislation.

Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see www.texacolubricants.com.

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