

MTRX

Don't worry. Just bike.



Who wants to change bearings regularly?

Dirt, dust and water!

What is a ride without dirt, dust and water? No fun. No fun at all for your bike, and especially your bearings, as they suffer through those tough conditions.



High-pressure cleaning does not do the trick.

So what will?

15 bar water pressure cleaning will not wash away the problems, nor will the drying afterwards in your garage - far

wrong! Due to capillary action the water and dirt is drawn below the seals and into the bearing. The result: rapid corrosion of the raceways leading to constrained motion and, in the worst case, a seized bearing.

Regular bearing changes?

There is no need for it!

Changing or maintaining your bearings each season or even more often? Which biker is either keen or has time to do this? That is exactly what our application engineer

Benjamin Michael
(Application engineer at SKF and semi-professional mountain biker):

„I ride about 30,000 km a year in my marathon races and was permanently annoyed about changing various bearings one to two times a season. While searching for a solution within SKF, I discovered these special SKF bearings that use Solid Oil technology.

They have already been used in many different challenging industry segments. In testing these bearings myself, I can validate their suitability for use in mountain bikes.“



Benjamin Michael felt. MTRX bearings have been developed by SKF engineers who are also bikers in their private life. The bearings are designed and made for use in highly contaminated and extremely damp environments. For this reason they are the optimal solution for your bike.

Limitless bike fun

Discover how your bike riding will be revolutionized with MTRX bearings.

According to our philosophy:

Don't worry. Just bike.

MTRX bearings by SKF – transferred technology

Changing bearings is annoying. Better use MTRX bearings instead!

MTRX bearings are filled with SKF Solid Oil technology. This means, an oil-saturated polymer matrix is moulded into the free space of the bearing, forming very narrow gaps around the rolling elements and raceways, enabling the bearing to rotate freely and the oil to be released during operation.

MTRX – value adding technology

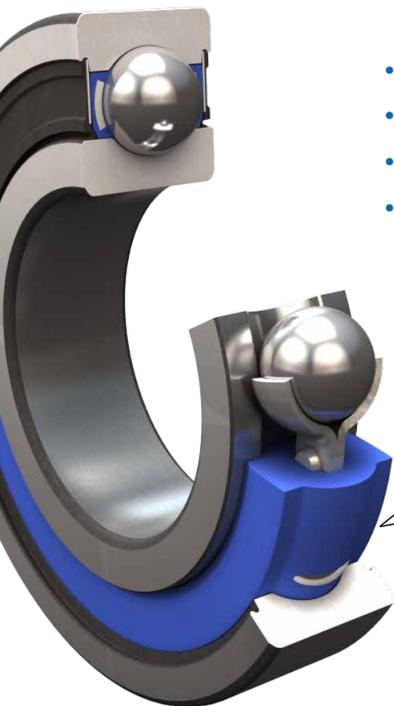
MTRX bearings provide many advantages due to Solid Oil, especially if bearings are mounted at dirt exposed positions in the bike. The polymer matrix contains two to four times more oil than bearings with conventional grease fill, and so protects the bearing components, leading to longer bearing life, even under extreme contaminated conditions, while requiring no relubrication.



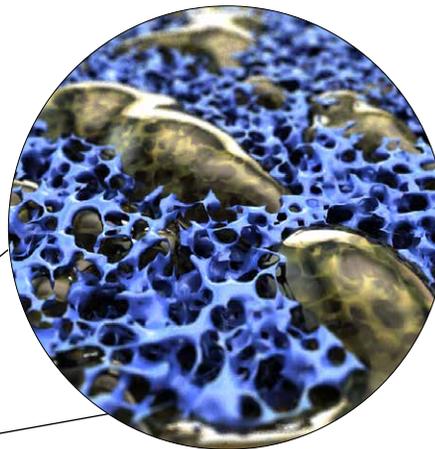
Water on!

The polymer filling physically supports integral seals, reinforcing their effectiveness while the bike is undergoing high-pressure cleaning.

MTRX bearings prevent lubricant washout and ingress of contaminants more reliably than grease-filled bearings.



- *No lubricant washout*
- *Lower risk of corrosion*
- *Longer lubricant life*
- *Increased lubricant reservoir*



Oil saturated polymer matrix having millions of micropores, releasing oil to the bearings raceways in operation.

New standard in bearing technology

Based on decades of experience in industrial applications, sealed Solid Oil bearings have proved to be the reliable solution for problems in the MTB segment. MTRX – new standard for reliability and durability

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