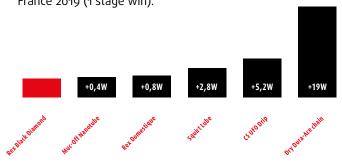


FASTEST FVFR

CHAIN LUBE IN INDEPENDENT LABORATORY TESTING

Wheel Energy laboratories is one of the few completely independent chain lube efficiency testing labs in the world. They were also an important partner in the extensive development process of Rex Black Diamond chain lube. In a 300 km dynamometer test under 175 W magnetic resistance, Rex Black Diamond gave the best overall result, leaving competing high-end chain lubricants behind. The test protocol was designed by Wheel Energy, with no instructions or other input from Rex. In addition to lab tests, Black Diamond has proven its performance in Tour de France 2019 (1 stage win).



- 175 W magnetic resistance, duration 300 km
- Bicycle drive train with a spring loaded single speed chain tensioner
- Dura-Ace chain and chainrings
- Average of 20 measurements, high and low peak values removed

BLACK DIAMOND

ULTRASONICALLY TREATED IN REX R&D LAB

The secret of our new lube are the Black Diamond particles that are mixed into the lube in a time-consuming ultrasonication process at our factory's Racing Service lab. The Black Diamond particles significantly improve the properties of the lube: Lower friction, lower wear and increased rain resistance.

N-KINETIC NANOWAX

HIGH FLUORO GLIDE WAX FORMULA

We have upgraded the wax used in Black Diamond lube to the same high fluor Rex N-kinetic™ nanowax which is used in our best cross-country ski waxes. The slightly lower viscosity results into lower friction and better lube penetration into the chain. Rex is well known for its world cup level fluorinated ski waxes and is an expert in paraffin wax-based applications with six decades′ worth of experience.





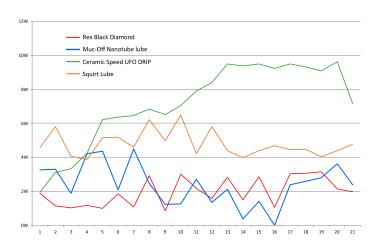






NEXT LEVEL COMBINATION OF DRY AND WET WEATHER PERFORMANCE

Previously, seeking for the lowest possible friction in a chain lube has meant sacrificing all-weather performance. So-called "wet" lubes have traditionally been very energy-stealing. Rex Black Diamond combines test-winning friction levels with strong weather resistance in a previously unseen way. The true king of chain lubes!



- Test protocol designed by Wheel Energy laboratories
- 175W magnetic resistance, duration 300 km
- Bicycle drive train with a spring loaded single speed chain tensioner
- Dura-Ace chain and chainrings
- Average of 20 measurements, high and low peak values removed
- 30 minute warmup prior measuring
- Ambient temperature 25°C, humidity 32%
- Chain ultrasonically cleaned before lubing
- Ufo Drip applied as per manufacturers' recommendation
- \bullet Chain rotating the same way in every measurement







WAX BASED

SOLVENT-FREE, NON-VAPORIZING, UNDILUTED

Adding solvent or water to a chain lube is generally thought to be a great way to reduce manufacturing cost and giving the manufacturer a better margin. At Rex, we think otherwise. Every drop you apply on the chain is 100% lubricant and not something that will evaporate into the air. Unlike with most chain lubes, there is no need to wait until the solvent evaporates before you can ride your bike.







Memil Pro Cycling, Fincycling, Lahden Pyöräilijät official supplier

Dealer enquiries: bike@rex.fi



Visit rex.fi/blackdiamond for complete test report.