

Tail Seal Grease for TBM

New generation

... ever improving

Condat started its lubricants activity for underground works in 1989 when it was awarded by international tender to supply the tail seal grease WR 89 for the Channel Tunnel.

Since then, this product, often copied but never equalled, was used to bore more than 4 000 km in the most extreme conditions.

Now, WR89 is evolving : last release of the Condat R&D lab, **WR89 NewGeneration** will be available on the market in October 2010.

This new tail seal grease anticipates the next regulations (Reach, ...) but not only, it will also permit to be in accordance with the technological progress while meeting more and more severe technical requirements.

WR 89 NewGeneration

« Sustainable Development » Tail seal grease

WR89 NewGeneration is continuously pumped during the progress of the machine. Injected between the rows of brushes, it allows a perfect sealing against water, slurry and grout, insuring the sealing of the TBM while tunneling.

The innovating formulation of **WR 89 NewGeneration** provides improved performance while keeping in mind **a sustainable development** :

- More eco-friendly components anticipating future specifications
- Biodegradability keeping pace with OECD regulations
- Higher level of safety thanks to its fire resistance properties
- Reduction by at least 10% of the consumption with the help of new anti-friction additives. This reduction has been proved on several jobsites.
- Reduction of the carried quantities
- Perfect compatibility with WR 89 and the emergency product : Condat Emergency Seal.

WR 90, used for the first packing of the brushes, also took advantage of the same evolution in a sustainable development way and is replaced by the

WR90 NewGeneration.

Since 1989, Condat has developed a complete range of products, lubricants and additives fulfilling technical, safety and environmental requirements for underground works with TBM as:

- Tail seal greases,
- Main bearing sealing product,
- Greases and Biodegradable and fire resistant hydraulic fluids
- Foaming agents and polymers
- Additives for filling grout
- Additives for ground consolidation...

A technical team is specially dedicated to the good use of these products on any type of TBM worldwide.

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Press information

Press Contact

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