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## Machinery rims gold mine – Oaxaca, Mexico

A Mexican gold mining company experienced severe problems on their mining machinery rims used in their underground mines, where high levels of moisture caused corrosion, leading to rapid deterioration. The mine reported that their machinery's wheels would typically become practically useless within just one month due to corrosion.





To address this issue, a system was proposed, which involved applying a **ZINGA** system to the rims.

The use of the **ZINGA** system proved to be a durable and an effective solution in combating corrosion and extending the lifespan of the machinery rims.









System: Surface preparation: sand-blasting to SA 2.5 ZINGA 60 µm DFT ZINGACERAM HS 120 µm DFT ZINGACERAM PU 60 µm DFT (by brush & spray equipment)

\* photos: courtesy of Grupo VYSISA, ZINGA Mexico (2023)