

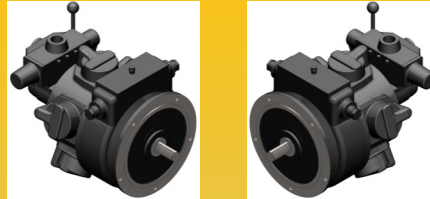


Case study - Globe 510 Air Motors Polar RDO vs. regular RDO

Liquid Shield Polar rock drill oils / air tool lubricant
Powerful, economical protection for miners and equipment



Case study performed by Ray Neufeld - Mechanical Superintendent - Cementation Americas



Globe RM510 - 22 KW/30 HP

Freeze up of air motors, commonly used to drive mechanical raise platforms, can cause delays in production and frustration amongst crews who have work goals to achieve.

Ray Neufeld, an experienced Mechanical Superintendent with Cementation Americas, decided to investigate solutions to the freeze up issue, and conducted a test using Liquid Shield polar rock drill oil versus the traditional rock drill oil that was on site. His results were as follows:



“One of the tests I did was to have two 510 Globe pneumatic motors running side by side, one using traditional rock drill oil and one running Liquid Shield, we had a lot of moisture in the air supply, after 15 mins the motor using traditional rock drill had ice built up all over the motor and was missing badly and blowing ice out of the exhaust port. The motor using Liquid Shield was dripping water off of the jugs and out of the exhaust but there was no missing and it was running just fine. The motor with traditional rock drill oil completely stopped turning after 1/2 hour, the motor with Liquid Shield was left running for 2 hours and never missed a beat. Just one of the tests I performed.”

Ray is a LinkedIn member. He has always demonstrated an interest in optimizing lubrication systems in the operations that he is assigned to. He performed a number of tests using Liquid Shield polar rock drill oils, and provides solid testing results that are useful to any mining venture.



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