

Product Spotlight: **Excel-ZPlus®**, The Best Element, The Cleanest Parts and Aftermarket Protection. Only Matters When The Results Are Documented -

Measure, Monitor, Record & Report: Asset Management Filtration Station® | AMFS & **HY-TRAX** Telematics Communications Monitor with Remote Controlled Sampling System - Certified Fluid Cleanliness Results

The **HY-TRAX** Telematics Communications Module with Remote Controlled Sampling System provides remote visibility to the Fluid Condition of critical hydraulic systems. Integrated micro VSD, (Variable Speed Drive), pump/ motor is automatically adjusted to provide optimal pressure and flow for accurate particle sensor readings. The **HY-TRAX** Telematics module allows remote access, via the Internet and smart devices, to fluid particle counts, temperature, and percent water saturation levels (optional) displayed on a customizable dashboard. The fluid sampling system collects data and the communications module transmits this data via GSM cellular at scheduled 5 minute intervals. Users can receive alerts via email/text when a fluid's ISO contamination code or water saturation level (optional) reaches user defined critical levels. The unit can sample fluid directly from a fluid reservoir or low pressure line (<50 psi).

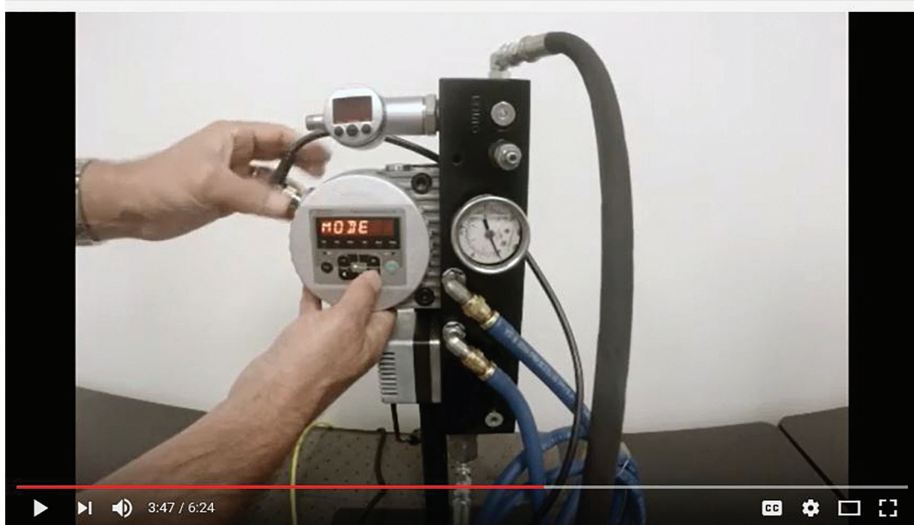
All data is transmitted through a secure VPN and archived in a protected database in the cloud to allow real-time and historical analysis. The **HY-TRAX** Communications Module will provide maintenance managers with the visibility and vital information necessary to pro-actively schedule preventative maintenance on local and remote equipment. Maintenance decisions can now be based on accurate and real-time data.

VSD, (Variable Speed Drive), pump/motor providing optimal flow for accurate sensor readings.

Find this and other videos on Schroeder's YouTube channel!
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Schroeder Industries HY-TRAX



HY-TRAX Wireless Data-Communication, Particulate Water Sampling System



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Schroeder Industries Provides Solution to Resolve Downtime

Background

Schroeder Industries and Distributor worked together with a South American mining company who operates several large copper mines to provide a solution to downtime during operation.

Problem

The South American mining company has several large reservoirs to serve their mines critical equipment. Downtime for maintenance has to be scheduled to avoid interrupting operations. The HY-TRAX® Telematic Communications Module with Remote Controlled Sampling System was installed so that their maintenance department can monitor cleanliness levels and schedule maintenance before contamination levels rise above critical levels.

Solution

Schroeder Industries HY-TRAX® Telematic Communications Module with Remote Controlled Sampling System was installed to monitor reservoir cleanliness levels, which then transmits data to maintenance department headquarters, allowing the South American mining company's service department to now pro actively schedule maintenance based upon actual fluid cleanliness levels. They now have the ability to schedule maintenance intervals without disrupting mining operations.

Specifications

Customer Name: South American mining company

Type of Machinery: Large Hydraulic Shovels and Rock Crushers

Reservoir Capacity: 2500-2500 Gallons

Operation Fluid: ISO 32 and ISO 46 Hydraulic Fluid

Schroeder Product: HY-TRAX® Telematic Communications Module with Remote Controlled Sampling System



Schroeder
INDUSTRIES
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