



FLUIDMATICS RECEIVES SECOND PATENT ON A LOW COST HYDRAULIC AND LUBRICATING FLUID CONTAMINATION SENSOR SYSTEM- FIRST TRIAL UNITS SHIPPED TO DISTRIBUTORS

FOR IMMEDIATE RELEASE- FEBRUARY 02, 2022

FluidMatics, LLC of Gig Harbor, WA announced that it has recently received a second US patent on a system and method for continuously monitoring particle contamination in industrial fluids such as hydraulic, lubricating or fuel oils (US Patents No. **11,181,457** and **10,976,231**, others issued and pending). Over 80% of failures in hydraulics and fuel injectors are caused by particle contamination; and the FluidMatics' system provides operators with real-time continuous monitoring of their fluid condition.

The FluidMatics' Remote Oil Contamination Sensor System (ROCS™) uses a laser-based particle counter and a micro-variable-speed-pump to maintain targeted flow through the particle counter. This allows for easy installation on tanks and low-pressure fluid lines. The unit is equipped with a particle counter, aqua sensor, temperature sensor and telematics capability; and has powerful and easy to read graphics for data monitoring.

Following earlier proof-of-concept tests, nearly a dozen trial units are now in the hands of potential distributors and end users. A Gen 2 design has also been developed for those customers in the mining, construction, rail and barge business where a more robust enclosure is desired. The Gen 2 ROCS units will be offered in both a single box or a split-box package with the electronics separated from the liquid train.

The ROCS system provides end-users with real time actionable intelligence as to particle contamination, water content and temperature of their industrial fluids. This helps to identify potential problems early on and reduces maintenance costs and the likelihood of catastrophic failures and resultant replacement costs and down-time costs.

Manufacturing licenses and distributor arrangements are being discussed. For more information go to: www.fluidmatics.net, or contact Jim Valentine: jvalentine@eepartners.net.