



Griswold™ SafeGuard™ Predictive Maintenance Solution Improves Technology in Pump Diagnostics

Grand Terrace, CA – Nov. 28, 2018 — [Griswold™](#), part of PSG®, a Dover company and a premier manufacturer of centrifugal pumps, is pleased to introduce a new innovation for the centrifugal pump industry, SafeGuard™, an industry-leading predictive maintenance solution. Featuring wireless access and 24/7 proactive alerts, SafeGuard technology alerts the user when a problem occurs, and also provides actionable guidance to resolve it.

Current diagnostic technologies often provide only a warning signal without details about the root cause or the ability to offer guidance on a resolution. The data that is provided is displayed in a complicated way that only diagnostic experts can understand, and do little to support the local maintenance team on a day-to-day basis. Lastly, most solutions are only designed to monitor the health of the pump and ignore the health issues associated with the motor. The SafeGuard solution provides answers to all of these critical needs.



The SafeGuard Preventative Maintenance Solution allows both the pump and the motor to be remotely monitored 24/7 with continuous cloud connectivity, delivering the true value of Industrial Internet of Things (IIoT). If an issue occurs, a proactive alert is automatically generated, including clear actionable guidance that can be easily followed by maintenance personnel to resolve the root cause of the issue. This proactive approach to pump monitoring can help lower maintenance costs by up to 30% and result in up to 75% fewer breakdowns.

SafeGuard is designed to monitor all types of centrifugal pumps. Four battery-powered sensors are included in the SafeGuard system as well as a node/sensor reader. All four sensors work in unison to predict the full health of both the pump and the motor. This allows for a complete diagnostic analysis that reads the tri-axial vibration, temperature, and electromagnetic values for the pump and motor.

With these capabilities, SafeGuard is able to detect more than 20 failure modes. SafeGuard is the all-inclusive solution for centrifugal pump predictive maintenance.

For more information about Griswold™ and SafeGuard™, please visit [griswoldpump.com](#). Griswold is a product brand within PSG, a Dover company. For more information on PSG, please visit [psgdover.com](#). SafeGuard, a registered trademark of PSG, is powered by Augury, Inc.

About Griswold

Griswold™ is a premier manufacturer of centrifugal pumps and baseplate systems. With engineering expertise, lean manufacturing, testing capabilities, and exceptional customer support, Griswold meets its customers' most demanding application requirements, all while minimizing project costs. Griswold — headquartered in Grand Terrace, California, USA — is part of PSG, a Dover Company.

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