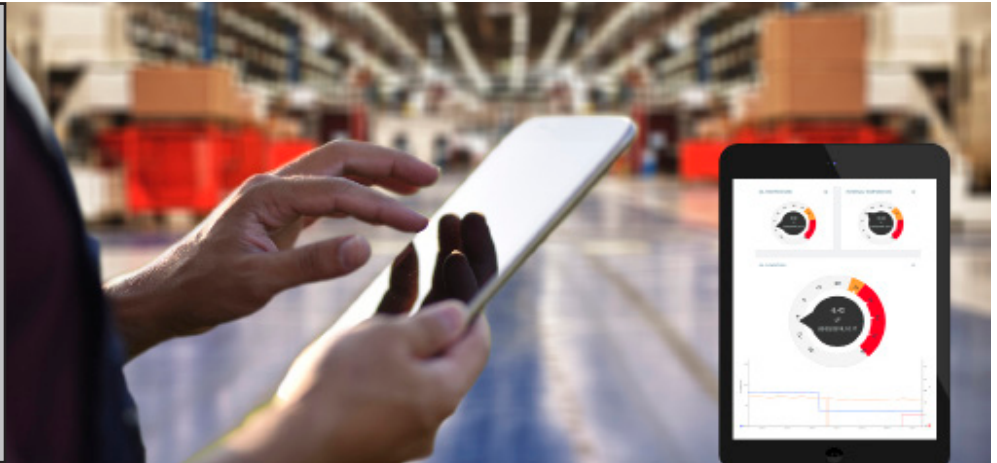


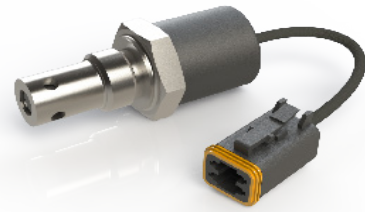
The Gems Sensors **Fluid Condition Monitoring System** is a powerful hardware and software solution which combines flexibility and ease of integration to provide real-time oil condition alerts. Our data analytics software allows critical system alerts to be set and key system parameters to be analyzed.



▶ *Oil condition management systems improve equipment performance & uptime while reducing operating costs*

▶ Fluid Condition Monitoring End User Benefits

- **Asset reliability & uptime** - Always know that the fluids on your machine are enabling it to perform at full capacity
- **Optimized service intervals** - Get full life out of your oil through continuous information on oil degradation and accurate prediction of oil condition
- **Peace of mind between lab testing** - Oil condition is monitored and logged continuously
- **A data hub for your most critical system metrics** - Fluid condition, system pressure, system temperature, liquid level and more



Gems Sensors Fluid Condition Sensor



Gems Sensors Fluid Condition Gateway

Gems Fluid Condition Monitoring System can be customized across multiple applications



Specialty Vehicle



Marine



Generators



Compressors



Transformers

Gems Sensors Fluid Condition Advantage

Gems provides a real-time oil condition reference through our Fluid Condition Monitoring (FCM) dashboard, for easy to interpret fluid condition results, *without the need for manual sampling*



Gems is monitoring your fluid for optimal performance



Gems is tracking fluid degradation to extend service intervals and ensure the full life of your oil



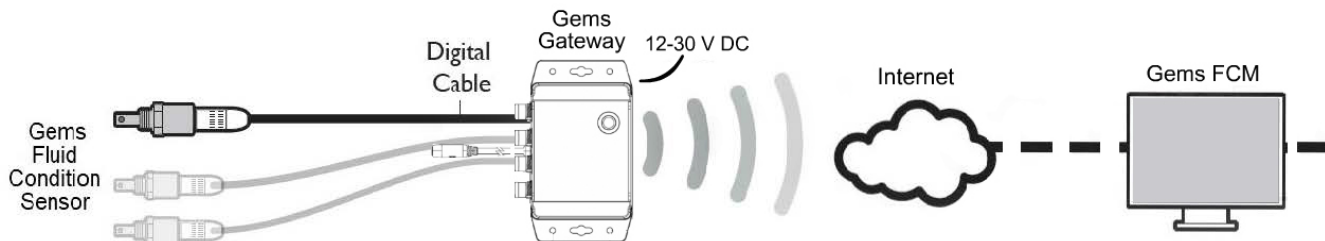
Gems is monitoring serious contaminants to warn you before catastrophic failure

Soot buildup, acid buildup, water contamination, additive depletion or general degradation are detectable as an index number and trended through Gems fluid condition monitoring software

Application specific configurations

Sensor and gateway configurations for any oil including hydraulic, gearbox, engine, mineral and synthetic

Gems Fluid Condition System Architecture



► Gems Sensors & Controls Advantages

Gems Sensors & Controls is a global manufacturer of application engineered sensors offering a broad portfolio of fluid quality, level, flow and pressure sensors for use in a wide range of industries. Decades of experience allows Gems to customize sensor and condition based monitoring solutions for every application.

Gems supports OEM's and end users across industries ensuring their equipment is protected and operating at optimal levels. Gems' solutions are tested and validated for the harshest and most critical environments.

