



Oil Condition Monitoring

In hydraulic and lubrication oil systems, operational fluids can become contaminated, with solids or liquid, resulting in excessive wear and premature failure.

Oil Condition Monitoring and predictive maintenance programs help avoid costly machinery, engine and power-train failures by tracking changes in machinery lubricant quality.

Receive early-warning of impending problems, supporting smooth and reliable machinery operation.

Detect all metal in hydraulic oils particles with an optical in-line continuous wear debris monitor.

In gearboxes, use a magnetic ferrous ion particle detector to detect wear and schedule maintenance.

An oil quality sensor can detect changes in oil parameters due to water, coolant, diesel, or oxidation.

Why Senquip?



Connect to Anything

Interface to any engine, controller, or sensor, no matter the brand, physical interface, or protocol.



Process Everything

Edge process measured data, create custom alerts, and control connected systems.



Send Anywhere

Send data to the Senquip Portal or any other server. No ongoing costs, no lock in contracts.



Trusted Everywhere

Designed for use in harsh industrial, mining, and agricultural environments.



Senquip ORB

For extreme environments where IP ratings are essential and external antennas may be damaged. Typically mounted on poles, walls, and externally on machines



Senquip QUAD

For harsh environments where external antennas are a benefit. Typically found in electrical cabinets, in operator cabs, and mounted externally on machines.



Senquip Portal

The Senquip Portal is a secure cloud solution that offers a no-cost or low-cost device management and data hosting + analytics solution for Senquip devices.



CONNECTING MACHINES TO THE INTERNET