



CONDITION
MONITORING

Your lubricant is
trying to tell you
something.

RULER® V



HELPS YOU LISTEN.

- Measure Antioxidant Health in Real Time
- Know Your Oil's Remaining Useful Life
- Test Remaining Useful Life of Greases
- Backed by Four ASTM Standards



SCAN FOR
FLUITEC



All oils eventually fail due to oxidation. Without the right data, unplanned failures, premature oil changes, and **wasted lubricant costs** follow. Systems need to be monitored to avoid these issues.

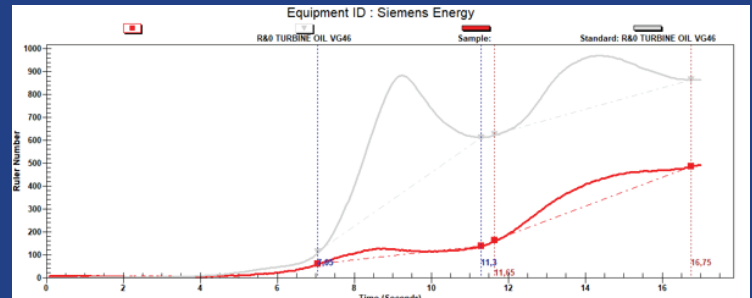
Engineered for **Insights** You Can Measure

RULER® V has been developed to measure active antioxidants remaining in your lubricant — giving you a direct, accurate window into how much longer your fluid will last. This can extend equipment life and eliminate unnecessary oil changes without compromising system integrity.

We designed this instrument to:

- Directly measure active antioxidants via Linear Sweep Voltammetry
- Quantify your oil's Remaining Useful Life (RUL)
- Provide insights invisible to FTIR and RPVOT testing

The result? Fewer unplanned failures, lower maintenance costs, and extended fluid life for critical lubrication systems.



RULER V generates a voltammogram to measure active antioxidants in your lubricant — giving you a clear picture of its Remaining Useful Life (RUL).



Proven Technology for Cleaner Decisions and **Fewer Failures**

RULER V uses patented Linear Sweep Voltammetry — the only technique that provides the complete picture of a fluid's antioxidant health. Unlike RPVOT (ASTM D2272), which struggles with today's complex hydro-treated formulations, and FTIR, where additive components can mask the critical antioxidant region, **RULER V** reads what others miss.

The result is a voltammogram that identifies the type and quantity of healthy antioxidants remaining — so your organization can make smarter decisions about when to change oil and when to keep running.



Improve your operational efficiency



Reduce
unplanned
downtime



Minimize
premature
oil change



Maximize
lubricant
potential



Increase
equipment
reliability



For power generation

Rugged in the Field. Precise in the Lab. **Ready Anywhere.**

RULER V is a portable antioxidant analyzer designed for condition monitoring programs in turbines, hydraulics, compressors, and aerospace applications. Powered by patented Linear Sweep Voltammetry, it quickly and accurately measures active antioxidants and tracks depletion over time — giving you Remaining Useful Life data on demand.

- **Ready to Use**
Add a small oil sample and a test solution vial — no laboratory setup required.
- **Flexible Application**
Test in the field, on the plant floor, or in the lab. Switch between fluid types using color-coded test solutions.
- **Peace of Mind**
RULER V measures the remaining antioxidants in your oil to determine the potential for a breakdown of your equipment.
- **Industry Approval**
Backed by four ASTM standards (D7590, D6971, D6810, D7527) and recommended by major OEMs including Siemens Energy and GE Vernova, and Solar Turbines.
- **Exceptional Measurement**
Precision Engineered test solutions ensure high instrument precision and repeatability across all fluid types.
- **Fill4Life™ Testing**
Trend antioxidant depletion over time to precisely determine when to extend (by adding antioxidants (DECON™ AO) — or change — your oil.
- **Bottom Line Results**
Maximize fluid life, reduce unnecessary oil changes, and lower your total maintenance spend.

Applications

RULER V is built for reliability professionals who take lubrication seriously. Purpose-designed for heavy industry, it delivers accurate remaining useful life measurements across a wide range of applications — from power generation and petrochemical plants to aerospace, hydraulic systems, compressors, and marine environments. It also extends its proven performance to greases, giving you a complete picture of lubricant health across your entire program.

Supported equipment in:



Turbines
Steam & Gas



Hydraulics
& Compressors



Aerospace
Turboprops & Jets



Engines
Gas & Diesel



Services & Support

Modern condition monitoring demands expert guidance. Our lubrication specialists will review your current program, define monitoring intervals, and help you get the most from every **RULER V** test.

LEARN MORE [at fluitec.com](https://www.fluitec.com)

Fill4Life™ Solution

Pair **RULER V** with **Fill4Life**™ — Fluitec's patented program for fluids that last as long as your equipment. No unnecessary oil changes. No unexpected failures. Just less downtime, lower maintenance costs, and longer equipment life.



Fill4Life™ Perform for Life.™



SCAN FOR
PRODUCT
INFO

