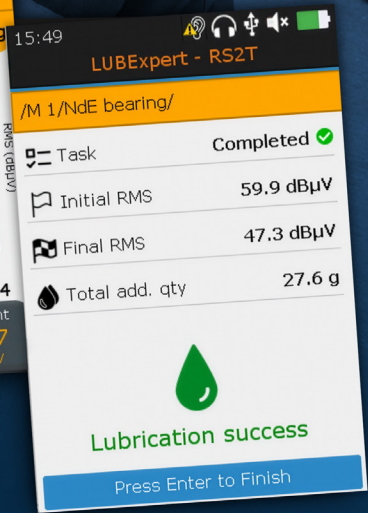
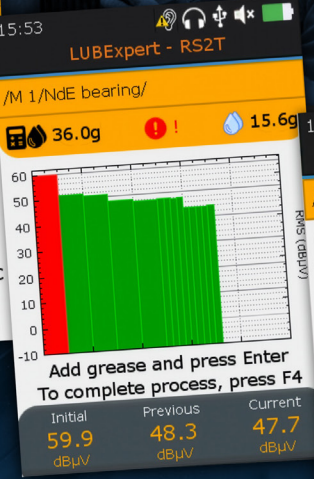
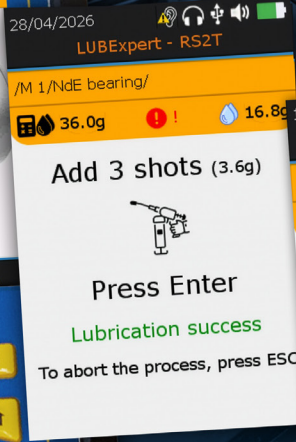


SDT340 LUBExpert Mode



Dynamic Analysis with the LUBrain Algorithm

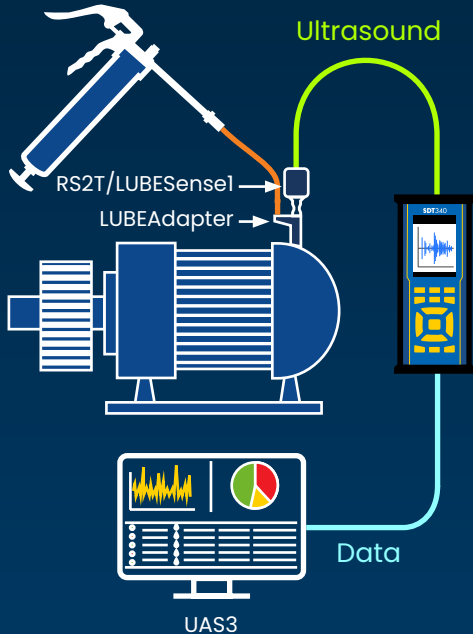
For years, Lubrication and Condition Monitoring teams have worked side-by-side toward the same goals, yet they remained trapped in silos.

The SDT340 LUBExpert Mode finally breaks those barriers by merging the world's most advanced ultrasound diagnostic tool with the precision of the LUBrain algorithm, uniting these two worlds into a single, intelligent workflow.



One Device, Total Integration

Existing SDT340 users can unlock this entire suite of lubrication functionalities through a simple software upgrade key. Transition your legacy SDT270 or LUBExpert trees seamlessly into the SDT340 structure and start optimizing your routes today.



Task Optimization

Why send two teams when you can send one? Now, a lubrication technician can collect high-precision CM data “before,” “during,” and “after” the lubrication process with no additional man-hours.

LUBrain Algorithm

Real-time, measurement-based decision-making. LUBrain guides the user through the entire greasing process, providing step-by-step instructions based on actual bearing requirements.

RS2T Multi-Role Sensor

The RS2T sensor now acts as a LUBEsense for the greasing process while simultaneously collecting high-end Condition Monitoring data. No sensor switching required.

Complete Traceability

Every shot of grease, every decibel change, and every signal is logged. With UAS3, you gain a comprehensive view of your lubrication strategy and asset health in one database.

Guided Mode



Ideal for standardized routes. The system steers the technician through the replenishment process, ensuring the right amount of grease is applied every time.

Free Mode



Designed for advanced analysis. It allows users to feel the “pulse” of the bearing, monitoring developments during the greasing process with full manual control.

Technical Specifications

Measurement Resolution:	Up to 256 ksps (kilo-samples per second) for extreme detail.
Acquisition Time:	Up to 600 seconds to capture the slowest rotating assets.
Multi-Technology:	Ultrasound, Vibration, Temperature, and Rotating Speed.
Signal Recording:	Save all signals for every step, or focus on Initial and Final data.
Data Management:	Powered by UAS3 and PostgreSQL 18 for industrial-grade reliability.