



Poor greasing practices are a leading cause of bearing failure.

Many lube departments re-grease on a wasteful calendar-based schedule. This leads to over and under greased bearings that fail to deliver their engineered value.

LUBExpert tells us when to grease... and when to stop.

Grease reduces friction in bearings. Less friction means longer life. LUBExpert alerts you when friction levels increase, guides you during re-lubrication, and prevents over and under lubrication.

Grease Bearings Right



Right Lubricant



Right Location



Right Interval



Right Quantity



Right Indicators



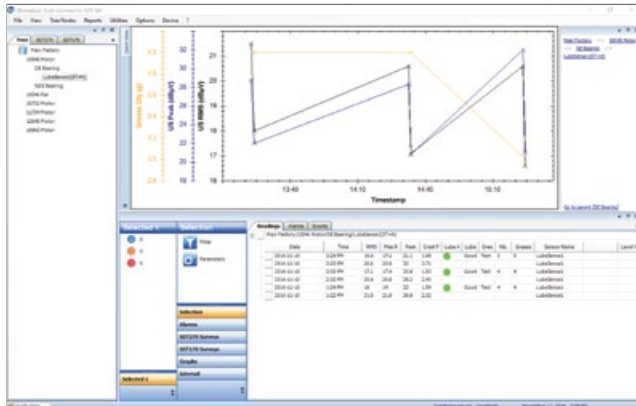
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sdtultrasound.com/lubexpert

LUBExpert

A complete ultrasound solution to manage your acoustic lubrication program

Program Management with Ultranalysis Suite






- Create hundreds of databases and surveys
- Track grease types and grease consumption
- Precise diagnosis with SDT's 4 Condition Indicators
- Sort assets as GOOD, BAD or SUSPECT

Specify Grease Type and Quantity per Asset

Mobilux 2
Quantity : 15 g
5 Full shot
suspect or bad
restricted to 2 shots

Record Asset Temperature

TEMP2 14:28
77.1°F
E0.97
  

Measure

LubeSense1 15:52
UTR
16.7 A=70 dBuV
±26.5



Record

20.8 dBµV RMS
21.1 dBµV Max RMS
33.3 dBµV pk
4.2 CrestFactor

Grease

Add a shot of grease
Press Enter when completed
Or F3 to finish

0 shots
24.5

Analyze

12.1	dBpV before stabilization
Wait ...	4
14.9	dBpV RMS
15.4	dBpV Max RMS

Log

✓

Start: 31.5 dB
Finish: 13.7 dB



LUBExpert Features

Ultranalysis Suite (UAS) Integration

- 6 Node Trees Define Asset Location
- User Defined Databases and Surveys
- Alarms and Analysis with 4CI
- Before/After Condition Report
- Grease Consumed Report

LUBExpert Onboard Assistant

- Four Condition Indicators
- Temperature Measurement
- Specified Grease Type and Quantity
- Live Guided Re-greasing
- Status Indicator: Good/Bad/Suspect
- Swivel Base Grease Gun Attachment
- Available Upgrade for SDT270SU/DU

LUBEXpert is built on the rugged SDT platform and is available through our world-wide network of authorized distributors.



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