

LUBE-IT 5.6 WHAT'S NEW

New Features


I. All of Product (LI5-2235, LI5-2236, LI5-2247, LI5-2241)

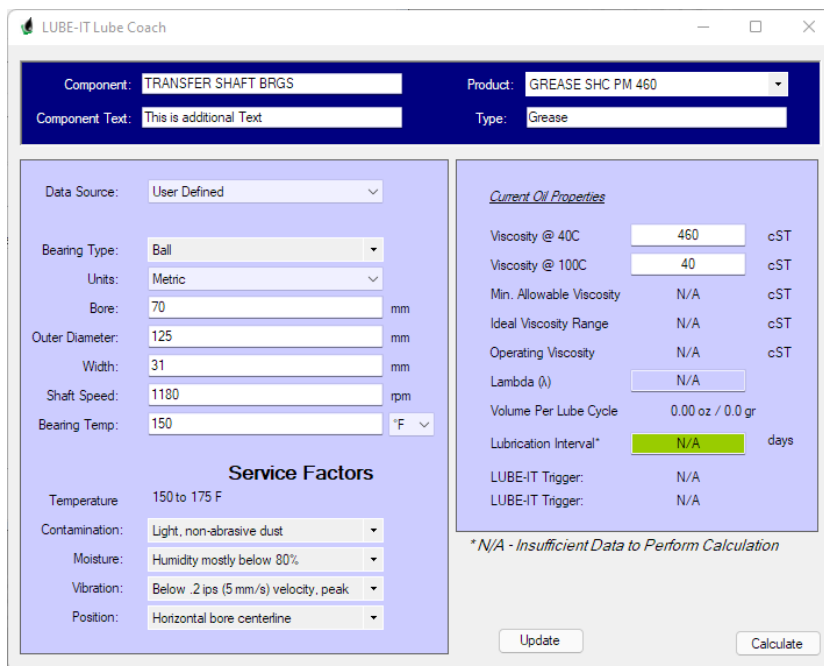
You can now use either Windows Authentication or SQL Authentication to connect the LUBE-IT SQL Server Instance.

II. Asset Manager

i. Lube Coach Integration (LI5-2238, LI5-2239)

Lube Coach Integration allows users of Ultimate Edition to calculate relubrication intervals and

capacity amounts for bearings. You enter the Lube Coach by clicking on the  button from the Component tab of Asset Manager. When Lube Coach launches, enter the bearing information. You may select from a list of Bearing or Enter the specifications manually.



The screenshot shows the LUBE-IT Lube Coach application interface. It includes the following fields and sections:

- Component:** TRANSFER SHAFT BRGS
- Product:** GREASE SHC PM 460
- Component Text:** This is additional Text
- Type:** Grease
- Data Source:** User Defined
- Bearing Type:** Ball
- Units:** Metric
- Bore:** 70 mm
- Outer Diameter:** 125 mm
- Width:** 31 mm
- Shaft Speed:** 1180 rpm
- Bearing Temp:** 150 °F
- Service Factors:**
 - Temperature: 150 to 175 F
 - Contamination: Light, non-abrasive dust
 - Moisture: Humidity mostly below 80%
 - Vibration: Below .2 ips (5 mm/s) velocity, peak
 - Position: Horizontal bore centerline
- Current Oil Properties:**

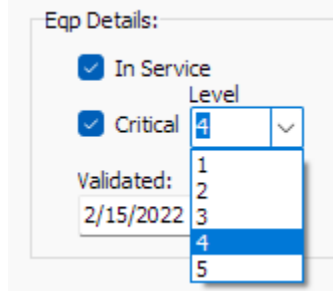
Viscosity @ 40C	460	cST
Viscosity @ 100C	40	cST
Min. Allowable Viscosity	N/A	cST
Ideal Viscosity Range	N/A	cST
Operating Viscosity	N/A	cST
Lambda (λ)	N/A	
Volume Per Lube Cycle	0.00 oz / 0.0 gr	
Lubrication Interval*	N/A	days
LUBE-IT Trigger:	N/A	
LUBE-IT Trigger:	N/A	

* N/A - Insufficient Data to Perform Calculation

Input the Service factors then click the Calculate button. Lube Couch will then calculate the Volume per Lube Cycle as well as the Lubrication Interval and the Lambda value. You will also be given the opportunity to update the capacity and trigger inside LUBE-IT.

ii. Asset Criticality (LI5-2257)

Now when you mark a piece of Asset as Critical, you can now add a criticality level

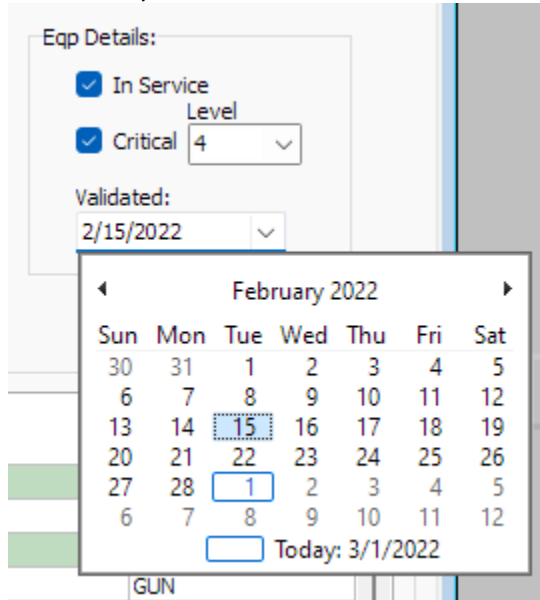


Eqp Details:

- In Service
- Critical Level
4
- Validated:
2/15/2022

iii. Added a validation date (LI-2248)

This allows you to enter a date to show that the asset has been validated.



Eqp Details:

- In Service
- Critical Level
4
- Validated:
2/15/2022

February 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	1	2	3	4	5
6	7	8	9	10	11	12

Today: 3/1/2022

iv. AutoFill (LI5-2252, LI5-2254, LI5-2255)

Auto fill has been enhanced to now add two procedures per task

v. Asset Notes (LI5-2249)

All notes will now have a date to show when they were added for all user levels

III. Search & Replace

vi. Updated Search and Replace to allow users to change the Criticality value on Asset Records (LI5-2250)

IV. Text File Import

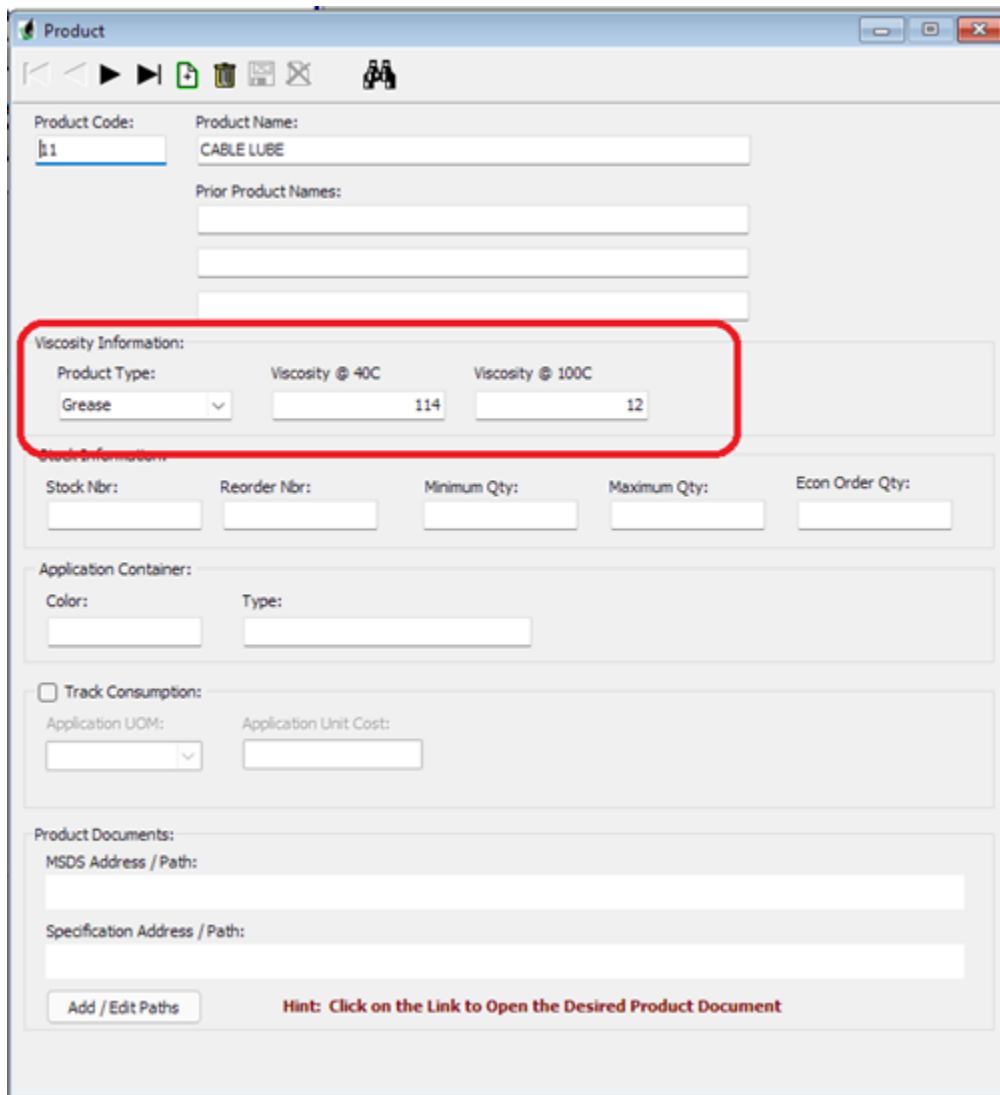
vii. Allow importing of Product information (LI5-2251)

Enhance the text file import tool to allow users to import product list information.

V. Define / Product

viii. New field for Product Form (LI5-2237)

Enhanced the Product form to all users to select a product type along with Viscosity at 40C and Viscosity at 100C.



The screenshot shows a software window titled "Product" with a standard toolbar. The form contains several sections:

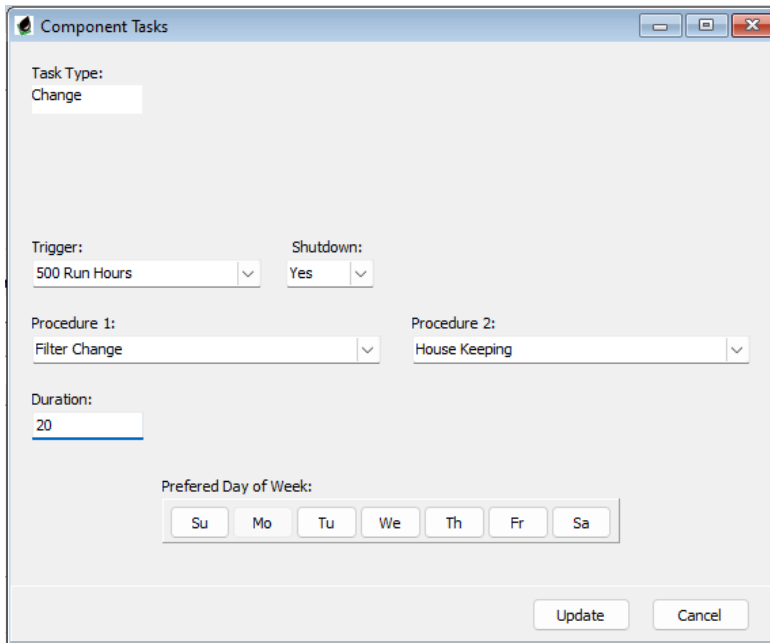
- Product Code:** Input field with "11".
- Product Name:** Input field with "CABLE LUBE".
- Prior Product Names:** Three empty input fields.
- Viscosity Information:** This section is highlighted with a red box. It includes:
 - Product Type:** A dropdown menu currently set to "Grease".
 - Viscosity @ 40C:** Input field with "114".
 - Viscosity @ 100C:** Input field with "12".
- Stock Information:** Five input fields for Stock Nbr, Reorder Nbr, Minimum Qty, Maximum Qty, and Econ Order Qty.
- Application Container:** Two input fields for Color and Type.
- Track Consumption:** A checkbox (unchecked) and two input fields for Application UOM and Application Unit Cost.
- Product Documents:** Two input fields for MSDS Address / Path and Specification Address / Path.

At the bottom, there is an "Add / Edit Paths" button and a red hint: "Hint: Click on the Link to Open the Desired Product Document".

VI. Define Component

ix. New field for Component Form

Enhanced the Component form to all users to add a second procedure to tasks



The screenshot shows a 'Component Tasks' dialog box with the following fields and options:

- Task Type: Change
- Trigger: 500 Run Hours
- Shutdown: Yes
- Procedure 1: Filter Change
- Procedure 2: House Keeping
- Duration: 20
- Preferred Day of Week: Su, Mo, Tu, We, Th, Fr, Sa

Buttons: Update, Cancel

VII. Complete Tasks

- x. Added a new column to show if any tasks were skipped. Now when you mark a task as completed and it has been skipped you will be prompted if you wish to clear the skip reason.



Seq	Completed	Slip Component	Product	Method	Task Type	Trigger	Asset
1		Shaft Bearings : Pump	Oil, Hydraulic AW 68	Hand Oil	LC&TU	1 Day	2220040 -- Pump, Contaminated Condensate
3	6/27/2022	Shaft Bearings : Pump	Oil, Hydraulic AW 68	Oil Reservoir	LC&TU	1 Week	2220060 -- Pump, Reboiler Recirculation
4	6/27/2022	Shaft Bearings : Pump	Oil, Hydraulic AW 68	Oil Reservoir	InspDesBre	1 Week	2220060 -- Pump, Reboiler Recirculation
6	6/28/2022	Shaft Bearings : Pump	Oil, Industrial EP 150	Oil Reservoir	Top Off	1 Day	2222225 -- Condensate Booster Pump
7		Shaft Bearings : Pump	Oil, Hydraulic AW 32	Oil Reservoir	LC&TU	1 Week	2221150 -- Pump, Anne Metering
8	5/28/2022	Shaft Bearings : Pump	Oil, Hydraulic AW 32	Oil Reservoir	Inspect	1 Week	2222250 -- Pump, North Boiler Feed Water
9		Shaft Bearings : Pump	Oil, Hydraulic AW 68	Oil Reservoir	LC&TU	1 Week	2220110 -- Pump, Vent Scrubber
10		Shaft Bearings : Pump	Oil, Hydraulic AW 68	Oil Reservoir	LC&TU	1 Week	2220140 -- Pump, Pressurized Scrubber
11		Shaft Bearings : Pump	Oil, Hydraulic AW 68	Oil Reservoir	Inspect	1 Week	2220140 -- Pump, Pressurized Scrubber
12		Shaft Bearings : Pump	Oil, Hydraulic AW 68	Oil Reservoir	LC&TU	1 Week	2220190 -- Pump, Primary Condenser Recirculating
13	5/29/2022	Shaft Bearings : Pump	Oil, Hydraulic AW 68	Oil Reservoir	LC&TU	1 Week	2222130 -- Pump, Sulphite Metering
14	5/29/2022	Shaft Bearings : Pump	Oil, Hydraulic AW 32	Oil Reservoir	Inspect	1 Week	2222252 -- Pump, South Boiler Feed Water
15	6/29/2022	Shaft Bearings : Pump	Oil, Hydraulic AW 68	Oil Reservoir	LC&TU	1 Week	2222170 -- Pump, #1 Boiler Make Up Water
16	6/29/2022	Shaft Bearings : Pump	Oil, Industrial EP 150	Oil Reservoir	LC&TU	1 Week	2222260 -- Pump, TMP Heat Recovery Feed Water
17		Shaft Bearings : Oil	Oil, Hydraulic AW 68	Oil Reservoir	LC&TU	1 Week	222230 -- Compressor, Propane Unload
19		Shaft Bearings : Pump	Oil, Industrial EP 150	Oil Reservoir	LC&TU	1 Week	2222310 -- Pump, #1 Condensate Transfer
20	6/29/2022	Shaft Bearings : Pump	Oil, Industrial EP 150	Oil Reservoir	InspDesBre	1 Week	2222310 -- Pump, #1 Condensate Transfer

VIII. Housekeeping

xi. Update Modules Table based off of CDS (LI5-2244)

Need to update the modules table in the database in order to facilitate the REST service.

xii. Update the LUBEITConfiguration.dll (LI5-2245)

Need to update the LUBEITConfiguration.dll to handle ampersands in the xm file.

xiii. Keep Multiple Backups of the Database (LI5-2256)

Updated the backup process to keep multiple backups. This will allow the user to go back more than one week.

xiv. Replace Equipment with Asset (LI5-2259, LI5-2260, LI5-2261, LI5-2262, LI5-2263)

Replace the word Equipment with Asset in the program and the help and tutorial.

IX. Database

i. Replace CLR Assembly procedures and functions with regular procedures and functions.

ii. Updated queries that were dependent upon specific date formats. This will correct problems with non-standard SQL Logins.

Enhancements

X. Removed the embossed LUBE-IT wallpaper

Updated the Dashboard Report. Added totals for systems and for the report.

XI. Added link to Tutorial into the help menu.

XII. Added link to User Manual into the help menu.

Bug Fixes

XIII. Preferences

- iii. Fixed the issue where preferences always asked to save changes even when no changes were made. (LI5-2242)

This fixed the erroneous message when exiting preferences.

XIV. Mark Completed Tasks -sometimes dates did not persist (?exist).

- i. Fixed the issue where some users experience a problem when marking tasks as done. (LI5-2243)

The error occurred when selecting blocks of tasks as done. If you used the Select all empty button it worked.

XV. Define Components

- i. Double click on task type grid produces odd results. (LI-2253)

It was not handling empty grid double click properly.

XVI. Completed tasks not scheduling properly

- ii. Tasks with preferred day could miss a week (LI5-2246)

This was caused when a task that had a preferred day was completed after that preferred day. In some instances, the next due date would be one week off