

# Tech Talk

## Oil Monitoring & Analysis

The tech talk will begin in  
less than 10 minutes.



# Tech Talk

## Oil Monitoring & Analysis

The tech talk will begin in  
less than 5 minutes.



# Visit LubeAlert



## Select your region

Please choose your region to continue.

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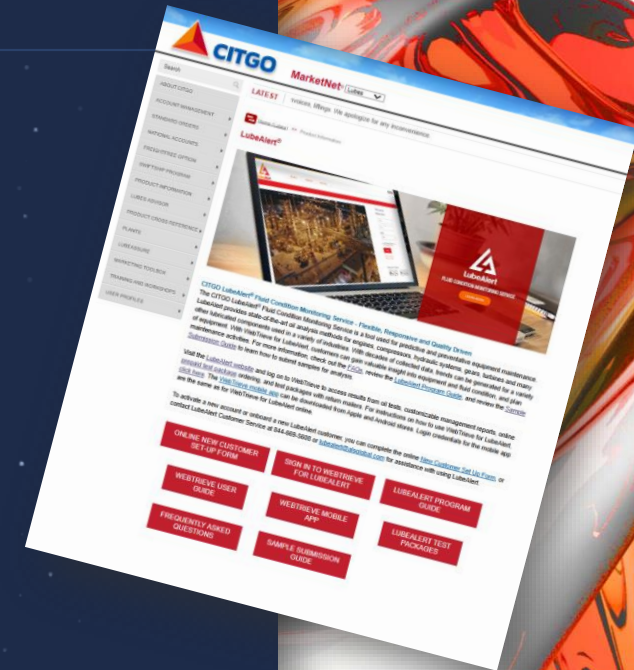
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# Visit LubeAlert



## LubeAlert® Test Packages

LubeAlert BASIC	General Metals by ICP	Fuel Sulfur %	Fuel Dilution %	Water by Crackle	Viscosity @ 40	Viscosity @ 100	Acid Number	Base Number by FTIR	Oil/MS/SA by FTIR	Particle Count	Particle Quantification Index	Test Package Tier Level
	ASTM D6385	ASTM D784	Viscosity SAE ASTM D793	Crackle or ASTM D634	ASTM D445	ASTM D445	ASTM D664	ASTM E3412	ASTM E3412	ASTM D7647	ASTM D6884	
Diesel Engine	X	X	X	X	X	X	X	X	X	X	X	Tier 1
Gasoline Engine	X			X	X	X		X	X			
Transmission	X			X	X	X		X	X			
Differential	X			X	X	X		X	X			Tier 2
Compressor Gas Engine	X			X	X	X		X	X			
Compressor	X			X	X	X		X	X			
Refrigerant Gas Compressor	X			X	X	X		X	X			
Air Compressor	X			X	X	X		X	X			
Refrigeration Compressor	X			X	X	X		X	X			
Industrial Hydraulics	X			X	X	X		X	X			
Blending	X			X	X	X		X	X			
Crack Testing	X			X	X	X		X	X			

LubeAlert ADVANCED	General Metals by ICP	Fuel Sulfur %	Fuel Dilution %	Water by Crackle	Viscosity @ 40	Viscosity @ 100	Acid Number	Base Number by FTIR	Oil/MS/SA by FTIR	Particle Count	Particle Quantification Index	Test Package Tier Level
	ASTM D6385	ASTM D784	Viscosity SAE ASTM D793	Crackle or ASTM D634	ASTM D445	ASTM D445	ASTM D664	ASTM E3412	ASTM E3412	ASTM D7647	ASTM D6884	
Diesel Engine	X	X	X	X	X	X	X	X	X	X	X	Tier 3
Gasoline Engine	X			X	X	X		X	X	X		
Compressor Gas Engine	X			X	X	X		X	X	X		
Compressor	X			X	X	X		X	X	X		Tier 4
Refrigerant Gas Compressor	X			X	X	X		X	X	X		
Air Compressor	X			X	X	X		X	X	X		
Refrigeration Compressor	X			X	X	X		X	X	X		
Industrial Hydraulics	X			X	X	X		X	X	X		
Blending	X			X	X	X		X	X	X		
Crack Testing	X			X	X	X		X	X	X		

LubeAlert ADVANCED	General Metals by ICP	Diesel Contaminants	IPs	Water by Crackle	Viscosity @ 40	Viscosity @ 100	Acid Number	Base Number by FTIR	Oil/MS/SA by FTIR	Particle Count	Particle Quantification Index	Test Package Tier Level
	ASTM D6385	ASTM D2882	ASTM D7946	Crackle or ASTM D634	ASTM D445	ASTM D445	ASTM D664	ASTM E3412	ASTM E3412	ASTM D7647	ASTM D6884	
LubriL-BioGas Gas Engine	X	X	X	X	X	X	X	X	X	X	X	Tier 5

PRICING		
Pricing per sample includes testing, packaging and outboard shipping of 10 packages via FedEx (for return shipping when applicable).		
Package without return shipping		Price
LubeAlert Basic - Tier 1		\$2.00
LubeAlert Basic - Tier 2		\$9.49
LubeAlert Basic - Tier 3		\$18.46
LubeAlert Advanced - Tier 1		\$18.25
LubeAlert Advanced - Tier 2		\$18.46
Packages with USPS return shipping (10 packages)		
LubeAlert Basic - Tier 1		\$12.46
LubeAlert Basic - Tier 2		\$14.46
LubeAlert Advanced - Tier 1		\$16.46
LubeAlert Advanced - Tier 2		\$18.41
LubeAlert Advanced - Tier 3		\$19.46
Packages with FedEx return shipping (10 packages)		
LubeAlert Basic - Tier 1		\$9.20
LubeAlert Basic - Tier 2		\$11.05
LubeAlert Basic - Tier 3		\$12.05
LubeAlert Advanced - Tier 1		\$14.00
LubeAlert Advanced - Tier 2		\$16.25

ADD-ON TESTS	
Increasingly priced as add-on tests to the Tier 1 LubeAlert standard test package.	
Test Method	Price
Oil by Titration	\$3.00
Oil by Colorimetric	\$8.00
Oil	\$2.00
Analytical Ferrometry	\$68.00
Membrane Patch Colorimetry	\$68.00
Rear Testing	\$100.00

TEST PACKAGE COLOR INDEX	
LubeAlert Basic - Tier 1	Blue
LubeAlert Basic - Tier 2	Yellow
LubeAlert Basic - Tier 3	Red
LubeAlert Advanced - Tier 1	Green
LubeAlert Advanced - Tier 2	Orange
LubeAlert Advanced - Tier 3	Purple



CONTACT INFORMATION  
(844) 650-0058  
[www.lubealert.com](http://www.lubealert.com)

## Sample Submission Process



1 [Visit LubeAlert.com](http://www.LubeAlert.com)  
Sign in or sign up to start your submission process.

2 **Order Your Kits**  
Order a 10-pack of oil testing kits, which include a 3 oz. jar, paperwork/form, and plastic shipping container.

3 **Choose Your Submission Type:**  
Electronic (Desktop/Mobile) or Written

### Electronic Sample Submission

**Desktop:** To enter multiple samples at once, access [www.LubeAlert.com](http://www.LubeAlert.com) on your desktop.



**Mobile:** To submit single data samples in the field, use the LubeAlert mobile app.

### Written Data Submission

When submitting equipment information for the first time, include all component and fluid information requested, including unit ID, type of component and position, time on both the fluid and the component and whether or not the fluid and/or filter have been changed.

Sample Online at [www.LubeAlert.com](http://www.LubeAlert.com)

Customer No.: \_\_\_\_\_

Unit Number: \_\_\_\_\_

Check one in each box

<input type="checkbox"/> Engine	<input type="checkbox"/> Differential	<input type="checkbox"/> LHM	<input type="checkbox"/> Axle
<input type="checkbox"/> Transmission	<input type="checkbox"/> Gear Box	<input type="checkbox"/> Fuel	<input type="checkbox"/> Brake
<input type="checkbox"/> Drive Shaft	<input type="checkbox"/> Transfer	<input type="checkbox"/> Air	<input type="checkbox"/> Tire
<input type="checkbox"/> Clutch Slave	<input type="checkbox"/> Clutch Master	<input type="checkbox"/> Lube	<input type="checkbox"/> Grease
<input type="checkbox"/> Paper	<input type="checkbox"/> Brake	<input type="checkbox"/> Lube	<input type="checkbox"/> Grease
<input type="checkbox"/> Fuel Oil	<input type="checkbox"/> Air Compressor	<input type="checkbox"/> Lube	<input type="checkbox"/> Grease
<input type="checkbox"/> Compressor	<input type="checkbox"/> Tire Lube	<input type="checkbox"/> Lube	<input type="checkbox"/> Grease
<input type="checkbox"/> Hydraulic	<input type="checkbox"/> Hydraulic	<input type="checkbox"/> Lube	<input type="checkbox"/> Grease

Have we helped you today?  Yes  No

4 **Shipping Samples**

- Place sample jar and form in black mailer.
- Ship by trackable delivery service such as USPS, UPS, Fedex or DHL.



# Tech Talk

## Oil Monitoring & Analysis



# Amber Fessler - NLGI CLGS; STLE CLS & OMA-I

- CITGO Senior Sector Manager
- Materials Engineer
- 14 Years of Experience in Lubricants
- STLE Certified
  - Certified Lubrication Specialist
  - Oil Monitoring Analyst I
- NLGI Certified
  - Certified Lubricating Grease Specialist



# Want Resources?

2026 Programs Guide

Support Literature

Social Media Toolkit

Webinars

The screenshot shows the CITGO MarketNet website interface. At the top left is the CITGO logo and 'MarketNet' with a 'Lubes' dropdown menu. Below the logo is a search bar and a navigation menu with items like 'ABOUT CITGO', 'ACCOUNT MANAGEMENT', 'STANDARD ORDERS', 'NATIONAL ACCOUNTS', 'FREIGHTFREE OPTION', 'SWIFTSHIP PROGRAM', 'CLARION SWIFTSHIP PROGRAM', 'PRODUCT INFORMATION', 'LUBES ADVISOR', 'PRODUCT CROSS REFERENCE', 'PLANTS', 'LUBEASSURE', 'MARKETING TOOLBOX', 'TRAINING AND WORKSHOPS', and 'USER PROFILES'. The main content area features a welcome message and a grid of resource tiles: 'SHOP PRINT STORE', 'GO FOR THE GREEN', '2026 PROGRAMS GUIDE', 'MARKETER COUNCIL INFORMATION', 'AUTOMOTIVE LUBRICANTS PROGRAM', 'Webinars', 'Lubes Advisor', 'Learn About LubeAlert', 'LubeAssure', 'PRODUCT CROSS REFERENCE', 'SOCIAL MEDIA TOOLKIT', 'GREASE TOOLKIT', 'JUST TRY IT', 'PC-12 TRUCK STOP', and 'VEKTOR PARTNER'. Below the grid is a 'MARKETNET 2.0 ORDERING PORTAL' tile. A large red arrow points from the '2026 Programs Guide' tile in the grid to a larger, detailed view of the '2026 Lubricants Programs Guide' tile at the bottom right. This detailed view includes the text: 'Now Available: 2026 Lubricants Programs Guide' and 'View the 2026 Lubricants Programs Guide to kick-start the new year right!'.

# Future Webinars & Tech Talks

**August 24:** Agriculture Lubes:  
Less Friction on the Farm

**September 28:** Tech Talk:  
Maintaining Best Food Grade  
Practices with Clarion Lubricants



# Steven Bowles – CLS & OMA-I

- CITGO Sr. Product Specialist
- B.S. Zoology & M.S. Environmental Science
- 22 Years of Experience in Lubricants
- 16 Years of Experience in Laboratory Supervision/Analytical Chemistry



# Frank Hayes - CLS, OMA, MLA-I, MLT-I, CLGS & CRC

- CITGO Senior Product Specialist
- B.S. Mechanical Engineering
- 28 Years Experience in Lubricants, including with
  - Petro-Canada Lubricants, Sr. Technical Services Advisor
  - Conoco, Lubrication Engineer



# Julio Acosta – STLE OMA-I, ICML MLA-II

- Product Specialist
- B.S. Mechanical Engineering
- 31 Years of Experience in Lubricants including:
  - Field Engineering
  - Used Oil Analysis
  - Supply Chain Management
  - Account Services
  - Sales





# Let's Talk About

Oil Analysis

Effective  
Sampling and  
Interpretation

Turning Data  
into Action

# Thank You!

See you next time

