Lubricant Analysis Report

North America: +1-877-808-3750
Latin America: +1-317-808-3750 / +502-3093-6466 (WhatsApp)
Europe: +1-317-808-3750

0	1	2	3	4
NORMAL	ABNORMAL			CRITICAL

Overall report severity based on comments.

Account Information	Component Information	Sample Information
Account Number: 153995-0000-0000	Component ID: 2017 VOLVO E	Tracking Number: 23265B85720
Company Name: BOOM AND BUCKET	Secondary ID:	Lab Number: H-597175
Contact: ADAM LAWRENCE/KRIS HUFF	Component Type: UNIDENTIFIED ENGINE	Lab Location: Houston
Address: C/O SAMIR SHAH 701 BRAZOS ST STE 300 AUSTIN, TX US	Manufacturer: Information Requested	Data Analyst: FLG
	Model: Information Requested	Sampled: 18-Jan-2024
	Application: UNKNOWN	Received: 29-Jan-2024
Phone Number: 213-463-5980/775-225-3529	Sump Capacity:	Completed: 30-Jan-2024

Filter Information	Miscellaneous Information	Product Information
Filter Type: Information Requested		Product Manufacturer: Information Requested
Micron Rating: 0		Product Name: Information Requested
		Viscosity Grade: Information Requested

Comments	Data indicates no abnormal findings. Resample at normal interval. In order to properly compare data to the correct standards, please provide COMPONENT MANUFACTURER and MODEL, and the FLUID MANUFACTURER, PRODUCT NAME, and VISCOSITY GRADE. Unit and/or lubricant TIME missing.

	Wear Metals (ppm)										Contaminant Metals (ppm)			Multi-Source Metals (ppm)						Additive Metals (ppm)				
Sample #	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
1	10	0	0	4	1	0	2	0	0	0	7	3	0	0	144	0	0	0	162	737	1388	0	822	924

	Sample Information							Contaminants			Fluid Properties					
Sample #	Date Sampled	Date Received	Lube Time h	Unit Time h	Lube Change	Lube Added gal	Filter Change	Fuel Dilution %	Soot %	Water %	Viscosity 40°C cSt	Viscosity 100 °C cSt	Acid Number mg KOH / g	Base No. D4739 mg KOH / g	Oxidation abs / cm	Nitration abs / 0.1mm
1	18-Jan-2024	29-Jan-2024	0	0	Unk	0	Unk	<2 - Estimate	<.1	<.1 - FTIR		13.5		6.66	12	8

	Particle Count (particles/mL)										Additional Testing
Sample #	ISO Code Based On 4/6/14	> 4 particles / mL	> 6 particles / mL	> 10 particles / mL	> 14 particles / mL	> 21 particles / mL	> 38 particles / mL	> 70 particles / mL	> 100 particles / mL	Test Method	
1	/ /										