



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: 153995-0002-0000 Company Name: BOOM & BUCKET Contact: KRIS HUFF Address: 600 CONGRESS AVE AUSTIN, TX US Phone Number: 1888-313-1597/909-846-6495		Component ID: A9940413 Secondary ID: 2021 JCB 215T Component Type: DIESEL ENGINE Manufacturer: Information Requested Model: Information Requested Application: CONSTRUCTION Sump Capacity:		Tracking Number: 24183L78101 Lab Number: H-834632 Lab Location: Houston Data Analyst: R9G Sampled: 12-Sep-2024 Submitted: 12-Sep-2024 Received: 17-Sep-2024 Completed: 19-Sep-2024	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: Information Requested Micron Rating: 0				Product Manufacturer: Information Requested Product Name: Information Requested Viscosity Grade: Information Requested	
Comments	BASED ON LIMITED INFORMATION PROVIDED, DATA indicates no abnormal findings; Please provide component Manufacturer and/or Model, Fluid Manufacturer and/or product and/or grade. Please provide this units sump capacity with next sample. Unit and/or lubricant TIME missing. Test results tend to support suspicions raised by your note;				

	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	2	0	0	2	0	0	0	0	0	0	5	2	1	0	138	0	0	0	149	764	1290	0	767	825

Sample Information								Contaminants			Fluid Properties					
Sample #	Date Sampled	Date Received	Lube Time	Unit Time	Lube Change	Lube Added	Filter Change	Fuel Dilution	Soot	Water	Viscosity 40°C	Viscosity 100 °C	Acid Number	Base No. D4739	Oxidation	Nitration
			h	h		unk		%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm
1	12-Sep-2024	17-Sep-2024	0	0	No	0	No	<2 - Estimate	<.1	<.1 - FTIR		14.3		7.19	10	7

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

Comments are advisory only and are based on the sample information provided by the customer being valid. Results related only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.