



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 Company Name: BOOM AND BUCKET Contact: ADAM LAWRENCE/KRIS HUFF Address: C/O SAMIR SHAH 701 BRAZOS ST STE 300 AUSTIN, TX US Phone Number: 213-463-5980/775-225-3529		Component ID: A5353455 E Secondary ID: SN#10620 Component Type: DIESEL ENGINE Manufacturer: Information Requested Model: Information Requested Application: UNKNOWN Sump Capacity:		Tracking Number: 23265A85714 Lab Number: H-830155 Lab Location: Houston Data Analyst: AC Sampled: 10-Jan-2024 Received: 12-Sep-2024 Completed: 13-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	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Silicon is at a MODERATE LEVEL; SILICON sources can be abrasives (dirt, Alumina Silica), seals and gasket material, lube additive or lube supplement, and/or environmental contaminant; 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	18	2	1	4	2	1	0	0	0	0	40	6	1	0	51	0	1	0	64	659	1722	0	872	987

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	Lube Change gal	Lube Added gal	Filter Change	%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm
1	10-Jan-2024	12-Sep-2024	0	0	Unk	0	Unk	<2 - Estimate	<.1	<.1 - FTIR		13.4		8.34	13	6

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

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.