



Lubricant Analysis Report

North America: +1-877-808-3750
 +1-317-808-3750 / +502-3093-6466 (WhatsApp)
 Latin America:
 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: 2017 SENNEBOGEN 825 E Secondary ID: 825.0.2448 Component Type: DIESEL ENGINE Manufacturer: CUMMINS Model: QSB6.7 Application: UNKNOWN Sump Capacity:		Tracking Number: 22222W10901 Lab Number: S-956416 Lab Location: Salt Lake City Data Analyst: ARF Sampled: 17-Mar-2023 Received: 22-Mar-2023 Completed: 23-Mar-2023	
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. FUEL DILUTION is at a MODERATE LEVEL; FUEL DILUTION possibly caused by excessive idling; Low viscosity may be due to FUEL DILUTION. Base number is flagged, however without complete lubricant information, the starting point for this lubricant cannot be determined. Unit and/or lubricant TIME missing. Please provide missing application and sump information.				

Sample #	Wear Metals (ppm)										Contaminant Metals (ppm)			Multi-Source Metals (ppm)					Additive Metals (ppm)					
	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	13	1	0	3	3	1	0	0	0	0	4	3	0	1	17	1	0	0	23	92	1660	0	520	589
2	4	0	0	1	1	0	0	0	0	0	2	1	0	0	2	0	0	0	3	8	149	0	1050	1163

Sample #	Sample Information								Contaminants			Fluid Properties					
	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		gal		%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm	
1	16-Mar-2023	22-Mar-2023	0	0	Unk	0	Unk	1.5 - GC	0.1 - E2412	<.1 - FTIR		12.4		3.92	7	5	
2	17-Mar-2023	22-Mar-2023	0	0	Unk	0	Unk	5.2 - GC	<.1	<.1 - FTIR		5.8		1.02	3	2	

Sample #	Particle Count (particles/mL)									Additional Testing	
	ISO Code	> 4	> 6	> 10	> 14	> 21	> 38	> 70	> 100	Test Method	
	Based On	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL		
1	4/6/14	/ /									
2	/ /										

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Results relate only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.

Historical Comments	1	Data indicates no abnormal findings. Resample at normal interval. Please provide missing lubricant information. Manufacturer, product name, and viscosity grade are needed to properly evaluate lubricant properties. Unit and/or lubricant TIME missing.
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