POLARIS Laboratories

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	Component ID:	2011CAT966H E	Tracking Number:	22245F26742
Company Name:	BOOM & BUCKET	Secondary ID:	A6J01857	Lab Number:	S-902301
Contact:	KRIS HUFF	Component Type:	DIESEL ENGINE	Lab Location:	Salt Lake City
Address:	600 CONGRESS AVE	Manufacturer:	CATERPILLAR	Data Analyst:	FLG
	AUSTIN, TX US	Model:	C-11	Sampled:	21-Nov-2022
Phone Number:	1888-313-1597/909-846-6495	Application:	UNKNOWN	Received:	30-Nov-2022
		Sump Capacity:		Completed:	02-Dec-2022

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. Please provide missing lubricant information. Manufacturer, product name, and viscosity grade are needed to properly evaluate lubricant properties. 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	3	0	0	1	0	0	0	0	0	0	6	1	0	0	58	1	0	0	198	666	1447	0	726	807

	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	21-Nov-2022	30-Nov-2022	0	0	Unk	0	Unk	<2 - Estimate	<.1	<.1 - FTIR		13.7		6.47	10	6

	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	/ /										