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:	153995-0000-0000	Component ID:	2014 TOYOTA E	Tracking Number:	23265B85718
Company Name:	BOOM AND BUCKET	Secondary ID:	03IBA6397496	Lab Number:	H-596935
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:	JAS
		Model:	Information Requested	Sampled:	08-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	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Base number is flagged, however without complete lubricant information, the starting point for this lubricant cannot be determined. 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	31	1	1	5	8	0	2	0	0	0	18	6	1	0	10	0	1	0	3	766	1206	1	672	889

	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	08-Jan-2024	29-Jan-2024	0	0	Unk	0	Unk	0.7 - GC	<.1	<.1 - FTIR		9.7		2.08	9	9

	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	/ /										