



# Lubricant Analysis Report

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 Latin America: 6466 (WhatsApp)  
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0	1	2	3	4
NORMAL		ABNORMAL	CRITICAL	

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: 153995-0003-0000 Company Name: BOOM & BUCKET Contact: STEVEN MESA Address: 701 BRAZOS ST. STE 300 AUSTIN, TX US Phone Number: 888-417-3477		Component ID: 2013 KENWORTH T-800 E Secondary ID: 113137 KW T800 Component Type: DIESEL ENGINE Manufacturer: <a href="#">Information Requested</a> Model: <a href="#">Information Requested</a> Application: UNKNOWN Sump Capacity:		Tracking Number: 23123P18216 Lab Number: H-366412 Lab Location: Houston Data Analyst: ZXH Sampled: 12-May-2023 Received: 23-May-2023 Completed: 25-May-2023	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: <a href="#">Information Requested</a> Micron Rating: 0				Product Manufacturer: <a href="#">Information Requested</a> Product Name: <a href="#">Information Requested</a> Viscosity Grade: <a href="#">Information Requested</a>	
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 EVALUATE OXIDATION for synthetic oils, please provide the LUBRICANT MANUFACTURER, PRODUCT NAME, and VISCOSITY GRADE. Water is at a MINOR LEVEL. Water may be present due to COLD UNIT sampling; TITANIUM may be an additive in this lubricant; Please provide COMPONENT MANUFACTURER and MODEL to compare data to the correct standards for this component. 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	47	1	0	11	3	1	2	0	0	0	11	5	1	17	38	1	1	0	29	506	1779	0	938	1024

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		gal		%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm
1	12-May-2023	23-May-2023	0	0	Unk	0	Unk	<2 - Estimate	0.5 - E2412	0.1 - Hotplate		13.9		2.39	23	15

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 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.