OIL ANALYSIS REPORT

CUMMINS G19D003843 - GENSET

Sample No: VPA057361

Oil Type: DIESEL ENGINE OIL SAE 15W40

Sample Number		VPA057361	 	
Sample Date		11 Mar 2024	 	
Machine Hours		1231	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.9	 	
Base Number (BN)	mg KOH/g	9.3	 	
Oxidation (PA)	%	82	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	3	 	
Potassium	ppm	0	 	
WEAR METALS				
Iron	ppm	5	 	
Copper	ppm		 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	47	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1821	 	
Magnesium	ppm	402	 	
Zinc	ppm	924	 	
Phosphorus	ppm	826	 	
Barium	ppm	0	 	
Boron	ppm	53		



ALL SYSTEMS MARINE

700 MYRICK ST PENSACOLA, FL US 32505 Contact: TRISTAN JOHNSON allsystemsmarine@yahoo.com T: (228)218-7963 F:

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP99220003

 Unique No:
 10924442

 Signed:
 Don Baldridge

 Report Date:
 13 Mar 2024

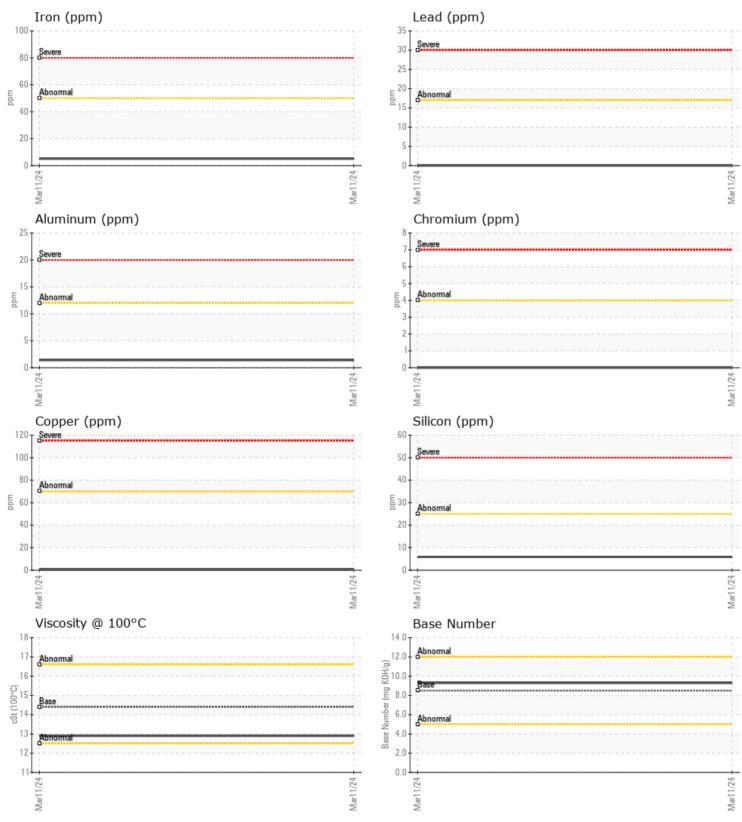
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Contact/Location: TRISTAN JOHNSON - VP99220003

OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: TRISTAN JOHNSON - VP99220003