OIL ANALYSIS REPORT

18674 CUMMINS CUMMINS - GENSET

Sample No: VPA059254

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMAT	IUN			
Sample Number		VPA059254	 	
Sample Date		22 Feb 2024	 	
Machine Hours		381	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
	C:	- 42.0		
Visc @ 100°C	cSt	13.0	 	
Base Number (BN)	mg KOH/g	9.4	 	
Oxidation (PA)	%	57	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	46	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	8	 	
Sodium	ppm	2	 	
Potassium	ppm	0	 	
	r r			
WEAR METALS				
Iron	ppm	5	 	
Copper	ppm	 <1	 	
Lead	ppm	0	 	
Tin	ppm	□ <1	 	
Aluminum	ppm	1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	55	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1021	 	
Magnesium	ppm	900	 	
Zinc	ppm	1065	 	
200C	ppm	945	 	
Phosphorus		373		
Phosphorus Barium Boron	ppm ppm	0 4	 	

VOLVO PENTA

W.W. WILLIAMS

156 ACRES DR LADSON, SC US 29456 Contact: MATTHEW ROSS mross@wwwilliams.com T: (843)225-7121 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 suitable for further service.

 Depot:
 VP1432938

 Unique No:
 10896452

 Signed:
 Don Baldridge

 Report Date:
 26 Feb 2024

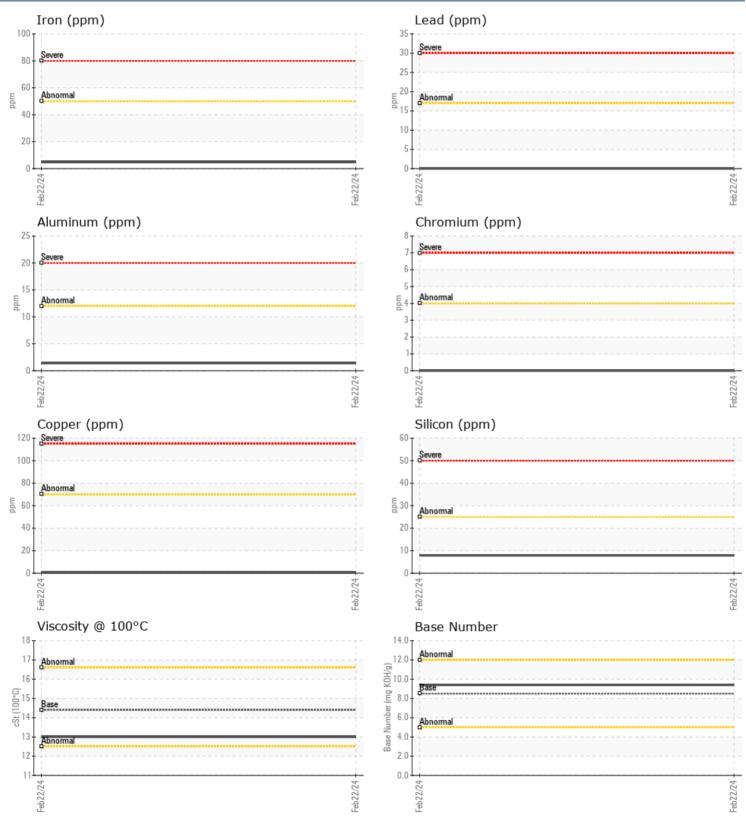
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Contact/Location: MATTHEW ROSS - VP1432938

OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: MATTHEW ROSS - VP1432938