OIL ANALYSIS REPORT

CUMMINS 8.3 - PORT DIESEL ENGINE

Sample No: VPA058658

Oil Type: DIESEL ENGINE OIL SAE 40

Sample Number		VPA058658	 	
Sample Date		23 Apr 2024	 	
Machine Hours		1269	 	
Oil Hours		10	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.9	 	
Base Number (BN)	mg KOH/g	8.6	 	
Oxidation (PA)	%	67	 	
	70	01		
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.9	 	
Nitration (PA)	%	61	 	
Sulfation (PA)	%	64	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	2	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	4 3	 	
Copper	ppm	15	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	86	 	
Nickel	ppm	 <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1737	 	
Magnesium	ppm	430	 	
Zinc	ppm	1414	 	
Phosphorus	ppm	1129	 	
Barium	ppm	0	 	
Boron	ppm	390	 	

VOLVO PENTA

BILL VANDIVER

490 LOCKSLEY DR PANAMA CITY BEACH, FL US 32407 Contact: BILL VANDIVER

T: (850)625-8004 F:

Diagnosis

No corrective action is recommended at this time. 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:
 VPBILPAN

 Unique No:
 10994095

 Signed:
 Sean Felton

 Report Date:
 25 Apr 2024

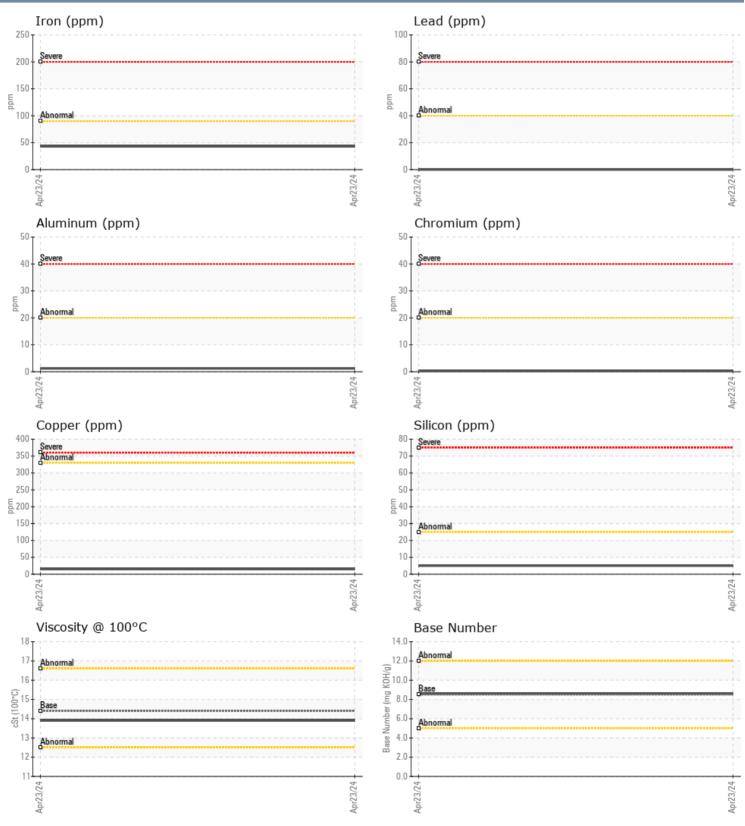
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Contact/Location: BILL VANDIVER - VPBILPAN

OIL ANALYSIS REPORT



GRAPHS



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