OIL ANALYSIS REPORT

590-27 590-27 CUMMINS 22364118 - PORT DIESEL ENGINE

Sample No: VPA059562

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION

Lead

Aluminum

Chromium

Nickel

Silver

Titanium

Manganese

ADDITIVES

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Molybdenum

Tin

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Sample Number		VPA059562		 	
Sample Date		03 Nov 2023		 	
Machine Hours		361		 	
Oil Hours		17		 	
Oil Changed		N/A		 	
Sample Status		NORMAL		 	
OIL CONDITION					
Visc @ 100°C	cSt	14.69		 	
Base Number (BN)	mg KOH/g	8.6		 	
Oxidation (PA)	%	65		 	
CONTAMINATION					
Soot %	%	0.5		 	
Nitration (PA)	%	53		 	
Sulfation (PA)	%	58		 	
Glycol	%	NEG		 	
Fuel	%	<1.0		 	
Silicon	ppm	4		 	
Sodium	ppm	0		 	
Potassium	ppm	7		 	
WEAR METALS					
Iron	ppm	22		 	
Copper	ppm	32		 	
Iron		_			

Outstanding Marine

VOLVO PENTA

PO Box 274 GALENA, MD US 21635 Contact: Ronda Bolinger rlwb@verizon.net T: 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 condition of the oil is acceptable for the time in service.

Depot:	VP153685			
Unique No:	10729240			
Signed:	Doug Bogart			
Report Date:	07 Nov 2023			

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2

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7

2

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0

2063

16
1086

979

173

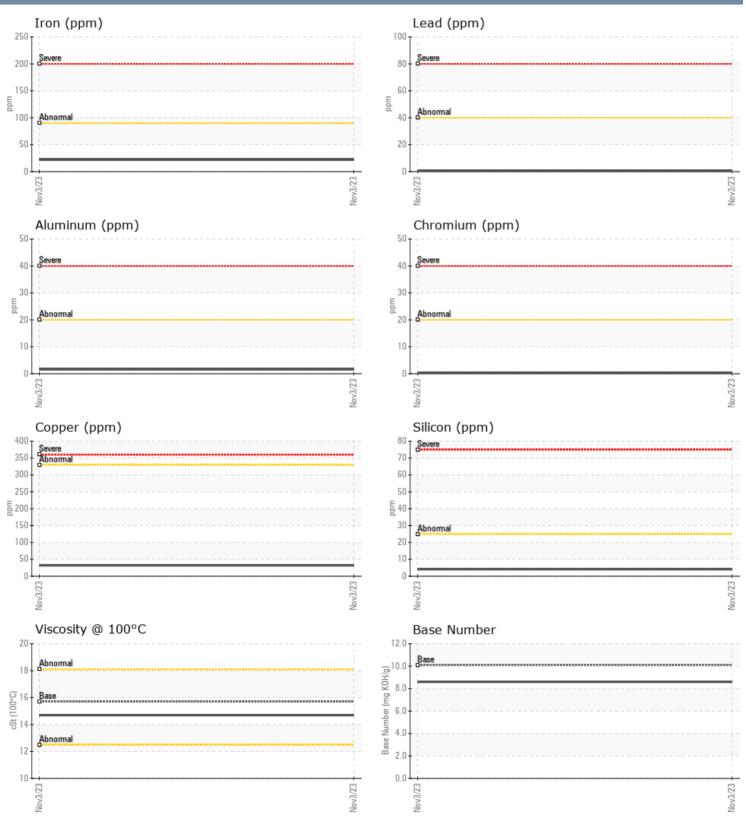
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ppm

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP153685 [WUSCAR] 06000880 (Generated: 11/07/2023 16:51:50) Rev: 1

Contact/Location: Ronda Bolinger - VP153685