## **OIL ANALYSIS REPORT**

### BILL REID 1610055 VOLVO PENTA A264669 - PORT DIESEL ENGINE

Sample No: VPA054313

**Oil Type: DIESEL ENGINE OIL SAE 40** 

## SAMPLE INFORMATION

Sample Number		VPA054313	 	 Pacific Power Group - VP981534
Sample Date		25 Mar 2024	 	 7215 S 228th St
Machine Hours		500	 	 Kent, WA
Oil Hours		0	 	 US 98032
Oil Changed		N/A	 	
Sample Status		NORMAL	 	 Contact: PAT RYAN
OIL CONDITION				pryan@pacificpowergroup.com T: (253)520-5163
Visc @ 100°C	-C+	<b>—</b> 12.4		F:
	cSt	■ 13.4 ■ 10.0	 	
Base Number (BN) Oxidation (PA)	mg KOH/g %	55	 	 Diagnosis
	70	33	 	 Resample at the next service interval
CONTAMINATION				to monitor.All component wear rates are normal. There is no indication of
Water	%	NEG	 	 any contamination in the oil. The BN
Soot %	%	<b>0.1</b>	 	 result indicates that there is suitable
Nitration (PA)	%	43	 	 alkalinity remaining in the oil. The
Sulfation (PA)	%	49	 	 condition of the oil is acceptable for
Glycol	%	NEG	 	 the time in service.
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	∎1	 	
Potassium	ppm	<1	 	
WEAR METALS				
Iron	ppm	<b>11</b>	 	
Copper	ppm	2	 	
Lead	ppm	■ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	■ <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	64	 	
Nickel	ppm	■<1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	<b>1126</b>	 	
Magnesium	ppm	<b>1033</b>	 	
Zinc	ppm	1359	 	
Phosphorus	ppm	<b>1103</b>	 	
Barium	ppm	0	 	
Boron	ppm	4	 	 <b>Depot:</b> VP99031103
				Unique No: 10956674 Signed: Don Baldridge

#### monitor.All component wear rates normal. There is no indication of contamination in the oil. The BN

Contact/Location: PAT RYAN - VP99031103

Report Date:

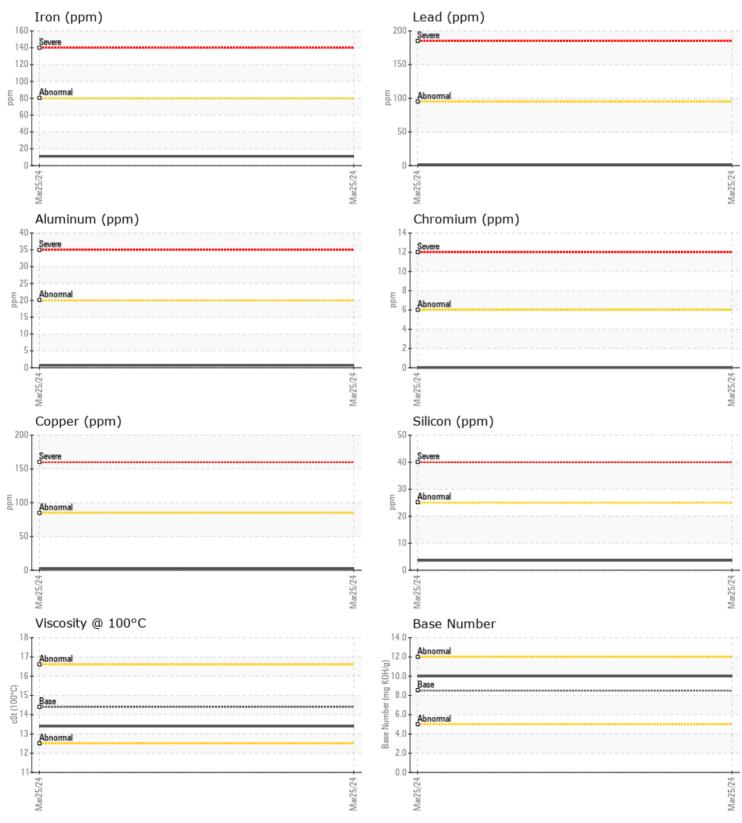
05 Apr 2024



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#### GRAPHS



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Contact/Location: PAT RYAN - VP99031103