## **OIL ANALYSIS REPORT**

### VOLVO PENTA

### PETER THYVRE ONAN B170156662 - GENSET

Sample No: VPA056925

Oil Type: DIESEL ENGINE OIL SAE 15W40

Sample Number		VPA056925	 	
Sample Date		30 Jan 2024	 	
Machine Hours		843	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	∎13.1	 	
Base Number (BN)	mg KOH/g	8.9	 	
Oxidation (PA)	%	65	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	<b>0.1</b>	 	
Nitration (PA)	%	51	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	3	 	
Potassium	ppm	4	 	
WEAR METALS				
Iron	ppm	2	 	
Copper	ppm	■ <1	 	
Lead	ppm	∎1	 	
Tin	ppm	<b>■</b> <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	34	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	<b>1494</b>	 	
Magnesium	ppm	<b>427</b>	 	
Zinc	ppm	<b>1180</b>	 	
Phosphorus	ppm	<b>1005</b>	 	
Barium	ppm	0	 	
Boron	ppm	<b>70</b>	 	

#### CY MARINE LLC

3821 NW 135th ST, SUITE F OPA LOCKA, FL US 33054 Contact: CAMERON MEDINA cymarinellc@gmail.com T: (954)702-8096 F: x:

#### 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:
 VPCYMPOM

 Unique No:
 10857546

 Signed:
 Don Baldridge

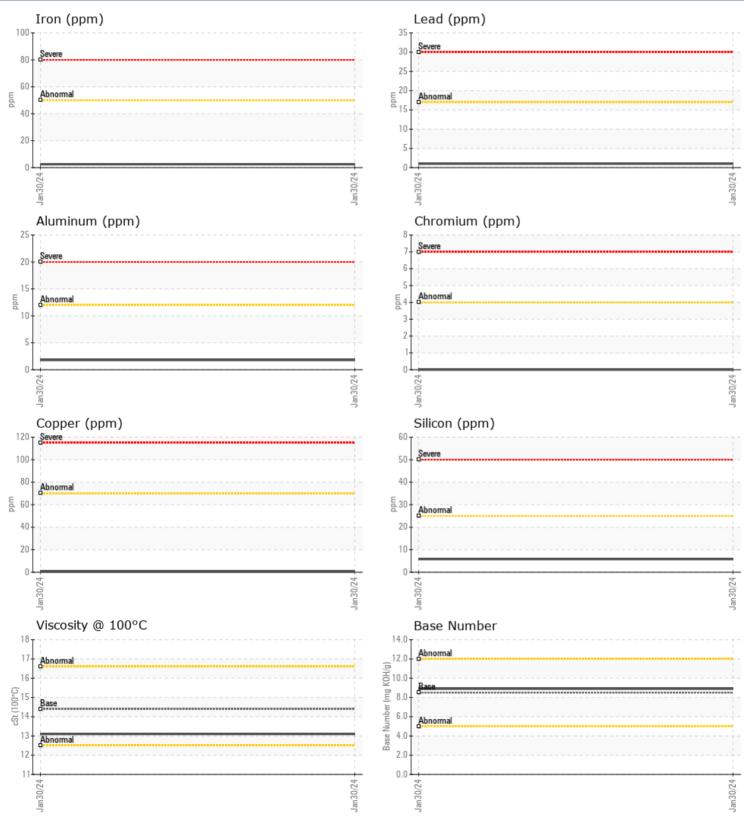
 Report Date:
 01 Feb 2024

Contact/Location: CAMERON MEDINA - VPCYMPOM

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#### GRAPHS



Report Id: VPCYMPOM [WUSCAR] 06075455 (Generated: 02/02/2024 11:41:54) Rev: 1

Contact/Location: CAMERON MEDINA - VPCYMPOM