## **OIL ANALYSIS REPORT**

### **VOLVO PENTA**

### VOLVO PENTA A637787 - PORT DIESEL ENGINE

Sample No: VPA021875

Oil Type: DIESEL ENGINE OIL SAE 40

Sample Number		VPA021875	 	
Sample Date		30 Jan 2024	 	
Machine Hours		691	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	<b>13.4</b>	 	
Base Number (BN)	mg KOH/g	<b>10.0</b>	 	
Oxidation (PA)	%	55	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	45	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	0	 	
Potassium	ppm	<b>1</b>	 	
WEAR METALS				
Iron	ppm	<b>1</b> 3	 	
Copper	ppm	3	 	
Lead	ppm	<b>  </b> <1	 	
Tin	ppm	<b>  </b> <1	 	
Aluminum	ppm	6	 	
Chromium	ppm	<b>1</b>	 	
Molybdenum	ppm	64	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	<b>  </b> <1	 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	<b>1003</b>	 	
Magnesium	ppm	<b>1020</b>	 	
Zinc	ppm	1291	 	
Phosphorus	ppm	929	 	
Barium	ppm	0	 	
Boron	ppm	<b>  </b> <1	 	

#### JON DIESEL LLC

4915 241ST E MYAKKA CITY, FL US 34251 Contact: Jon Marquette jondieselllc@gmail.com T: (941)780-1330 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:
 VPJONMYA

 Unique No:
 10860868

 Signed:
 Doug Bogart

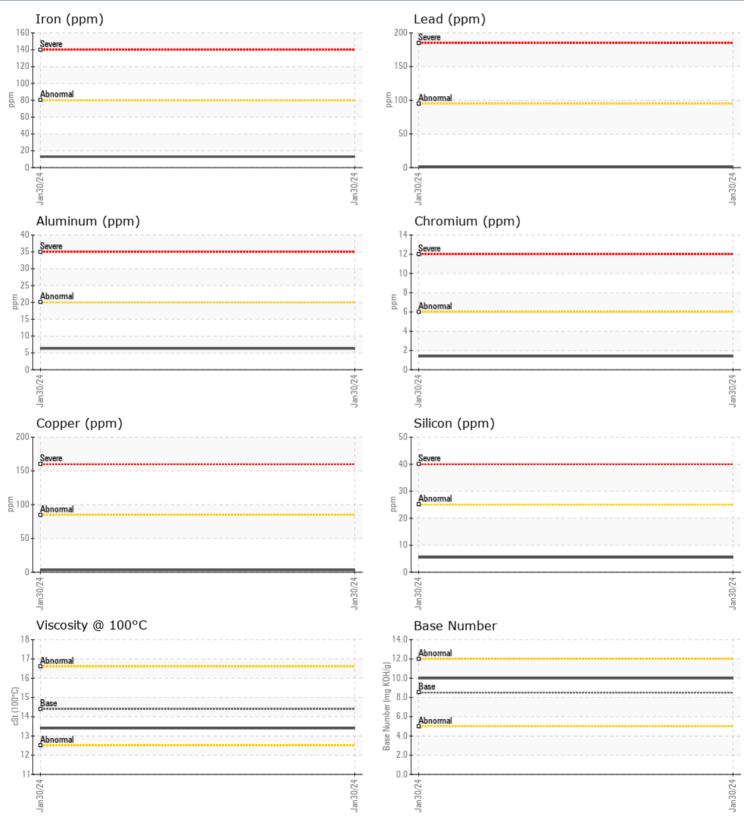
 Report Date:
 05 Feb 2024

Contact/Location: Jon Marquette - VPJONMYA

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VPJONMYA [WUSCAR] 06078777 (Generated: 02/08/2024 08:05:28) Rev: 1

Contact/Location: Jon Marquette - VPJONMYA