## **OIL ANALYSIS REPORT**

## COREY EAVES EAVES VOLVO PENTA A 1147247 - PORT DIESEL ENGINE

Sample No: VPA060028

Oil Type: SHELL ROTELLA T 15W40

### SAMPLE INFORMATION

SAMPLE INFURMAT				
Sample Number		VPA060028	 	
Sample Date		09 Nov 2023	 	
Machine Hours		150	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.8	 	
Base Number (BN)	mg KOH/g	5.8	 	
Oxidation (PA)	%	135	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.3	 	
Nitration (PA)	%	48	 	
Sulfation (PA)	%	65	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>1</b> 9	 	
Sodium	ppm	3	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	<b>1</b> 6	 	
Copper	ppm	<b>1</b> 6	 	
Lead	ppm	6	 	
Tin	ppm	2	 	
Aluminum	ppm	<b>11</b>	 	
Chromium	ppm	2	 	
Molybdenum	ppm	54	 	
Nickel	ppm	2	 	
Titanium	ppm	<b>  </b> <1	 	
Silver	ppm	0	 	
Manganese	ppm	<b>1</b>	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	<b>1091</b>	 	
Magnesium	ppm	<b>891</b>	 	
Zinc	ppm	1213	 	
ZIIIC	pp			

## VOLVO PENTA

**McMichael Yacht Yard No1 Inc** 700 Rushmore Ave MAMARONECK, NY

JS 10543 Contact: Patti Hornidge rushmore@mcmyacht.com Г:

## 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:
 VP153367

 Unique No:
 10752960

 Signed:
 Don Baldridge

 Report Date:
 23 Nov 2023

ppm

ppm

0 🔲

9

Barium

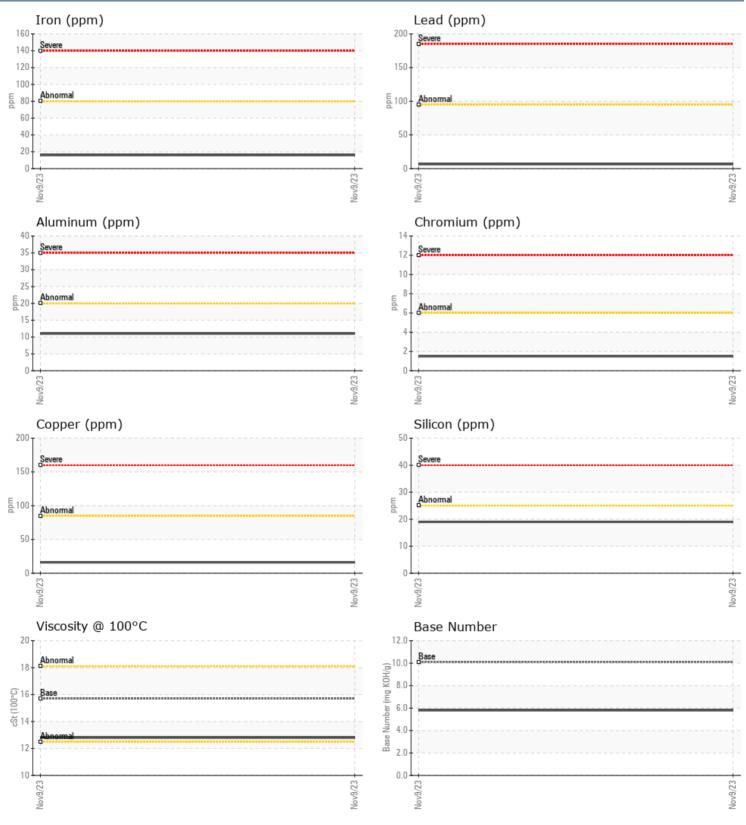
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Contact/Location: Patti Hornidge - VP153367

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#### GRAPHS



Report Id: VP153367 [WUSCAR] 06013816 (Generated: 11/23/2023 12:54:20) Rev: 1

Contact/Location: Patti Hornidge - VP153367