## **OIL ANALYSIS REPORT**

### JOHN MCCOLLOCH VOLVO PENTA A117847 - PORT DIESEL ENGINE

Sample No:VPA055499Oil Type:NOT GIVEN

#### SAMPLE INFORMATION

Sample Number		VPA055499	 	
Sample Date		18 Oct 2023	 	
Machine Hours		795	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.7	 	
Base Number (BN)	mg KOH/g	9.7	 	
Oxidation (PA)	%	59	 	
CONTAMINATION				
Soot %	%	0.4	 	
Nitration (PA)	%	57	 	
Sulfation (PA)	%	54	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>1</b> 3	 	
Sodium	ppm	0	 	
Potassium	ppm	6	 	
WEAR METALS				

#### Iron 99 ppm 11 Copper ppm 0 🔲 Lead ppm Tin ■ <1 ppm Aluminum 6 🔲 ppm Chromium ppm 8 Molybdenum 48 ppm Nickel 3 ppm Titanium 0 🔲 ppm **||** <1 Silver ppm Manganese 1 ppm Vanadium ppm <1

#### ADDITIVES

Calcium	ppm	774	 	
Magnesium	ppm	653	 	
Zinc	ppm	951	 	
Phosphorus	ppm	751	 	
Barium	ppm	0	 	
Boron	ppm	6	 	

#### WESTERN BRANCH DIESEL

VOLVO PENTA

6881 BULLDOG DR N CHARLESTON, SC US 29406 Contact: MICHAEL JORDAN mdjordan@wbdiesel.com 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 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:
 VP1165983

 Unique No:
 10710519

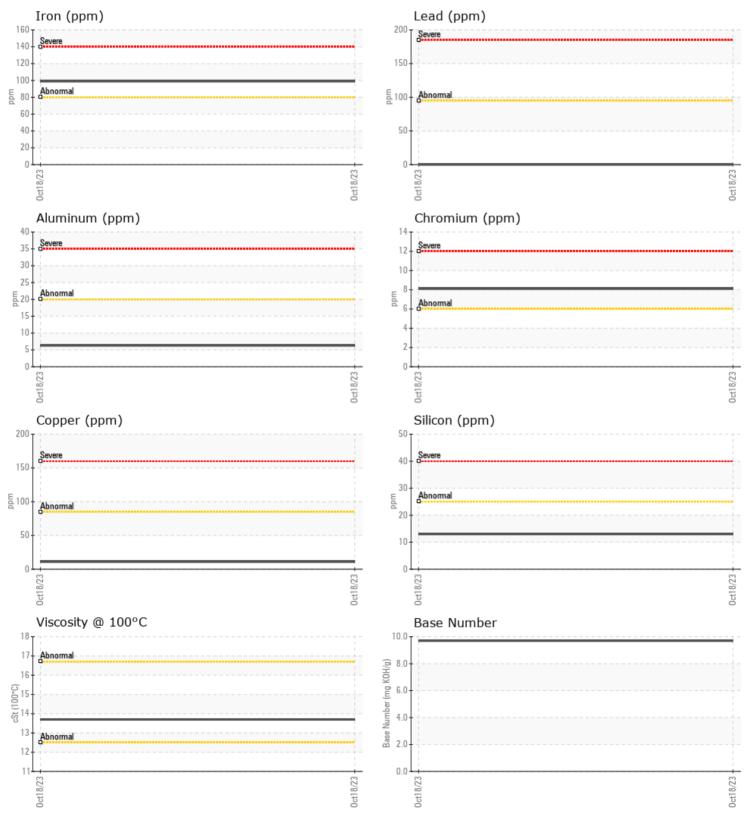
 Signed:
 Angela Borella

 Report Date:
 27 Oct 2023

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP1165983 [WUSCAR] 05987857 (Generated: 10/27/2023 14:14:01) Rev: 1

Contact/Location: MICHAEL JORDAN - VP1165983