OIL ANALYSIS REPORT

STEVE MCKEOWN - ADIOS ML VOLVO PENTA 1012636202 - STARBOARD MAIN ENGINE

Sample No: VPA060330

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA060330	 	
Sample Date		19 Oct 2023	 	
Machine Hours		1853	 	
Oil Hours		163	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.6	 	
Base Number (BN)	mg KOH/g	9.3	 	
Oxidation (PA)	%	60	 	
. ,				
CONTAMINATION				
C 100	0/	= 0.0		
Soot %	%	0.2	 	
Nitration (PA)	%	59	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	■<1	 	
Potassium	ppm	 <1	 	
WEAR METALS				

Iron 7 ppm 2 Copper ppm Lead ppm 1 🔲 Tin ■ <1 ppm Aluminum 1 ppm Chromium ppm **|** <1 Molybdenum 58 ppm Nickel 0 ppm Titanium 0 🔲 ppm Silver ppm 0 🔲 Manganese **||** <1 ppm Vanadium 0 ppm

ADDITIVES

Calcium	ppm	1062	 	
Magnesium	ppm	989	 	
Zinc	ppm	1343	 	
Phosphorus	ppm	1071	 	
Barium	ppm	0	 	
Boron	ppm	 <1	 	

FLORIDA DETROIT DIESEL - 531006 - 1125774

VOLVO PENTA

1128 CHESTNUT AVE PANAMA CITY, FL US 32401 Contact: RICHARD ROBERTS ri.roberts@ssss.com T: (850)763-7656 F:

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 suitable for further service.

 Depot:
 VPFLOPAN

 Unique No:
 10710529

 Signed:
 Don Baldridge

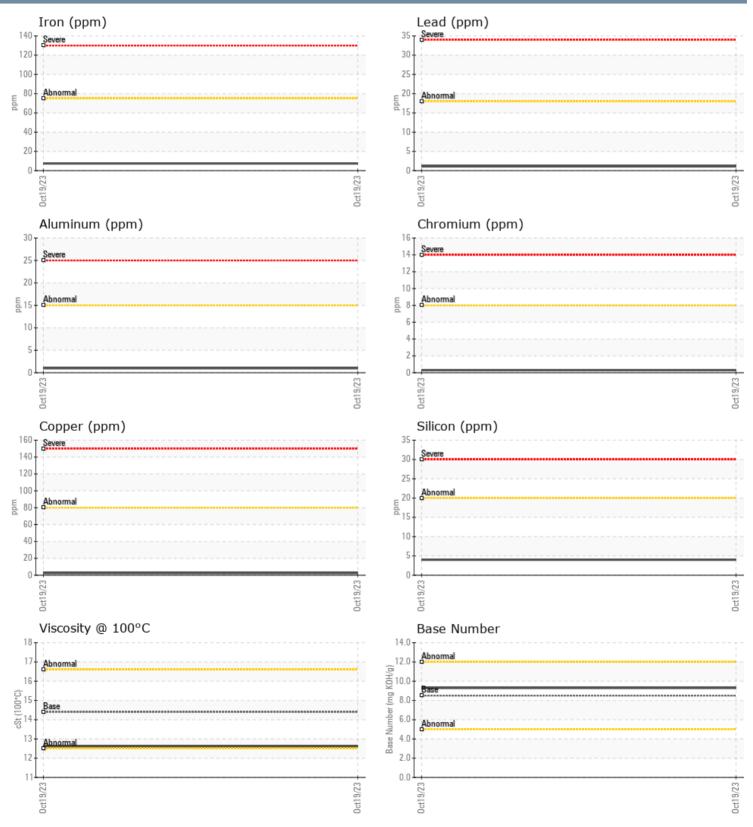
 Report Date:
 26 Oct 2023

Contact/Location: RICHARD ROBERTS - VPFLOPAN

OIL ANALYSIS REPORT



GRAPHS



Report Id: VPFLOPAN [WUSCAR] 05987867 (Generated: 10/26/2023 10:34:14) Rev: 1

Contact/Location: RICHARD ROBERTS - VPFLOPAN