OIL ANALYSIS REPORT

VOLVO PENTA

7011354051 - PORT DIESEL ENGINE

Sample No: VPA056981

Oil Type: DIESEL ENGINE OIL SAE 15W40

Sample Number		VPA056981	 	
Sample Date		19 Jul 2023	 	
Machine Hours		746	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.8	 	
Base Number (BN)	mg KOH/g	8.4	 	
Oxidation (PA)	%	55	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	43	 	
Sulfation (PA)	%	54	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	1	 	
Potassium	ppm	<1	 	
WEAR METALS				
Iron	ppm	3	 	
Copper	ppm	9	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	79	 	
Nickel	ppm	0	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1427	 	
Magnesium	ppm	455	 	
Zinc	ppm	1309	 	
Phosphorus	ppm	1072	 	
Barium	ppm	0	 	
Boron	ppm	410	 	

ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2 NAPLES, FL US 34104 Contact: KEITH SPICER keith_advanceddiesel@yahoo.com T: (239)580-8731 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 acceptable for the time in service.

 Depot:
 VPADVNAP

 Unique No:
 10564498

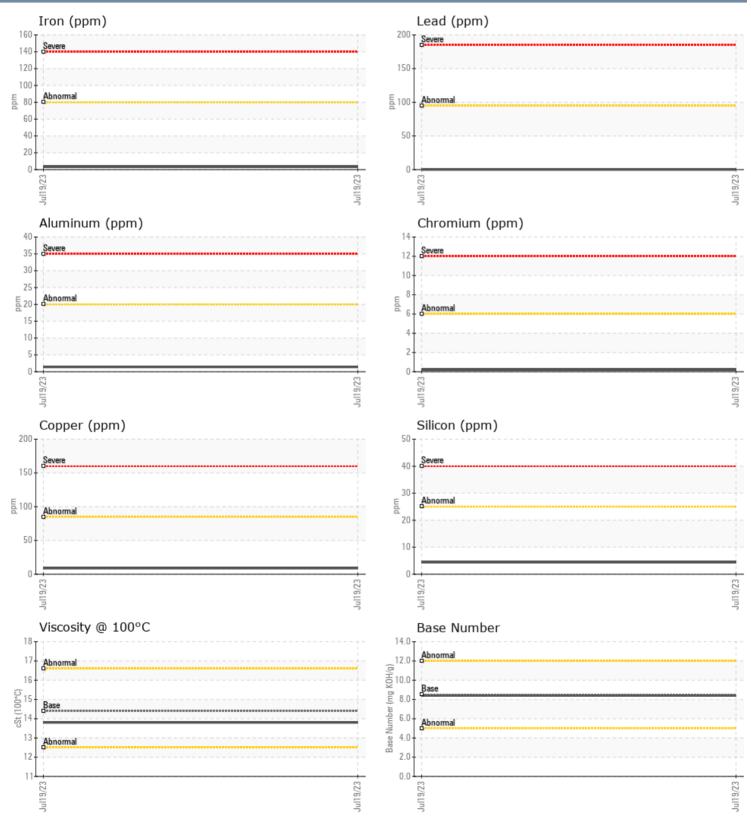
 Signed:
 Sean Felton

 Report Date:
 21 Jul 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VPADVNAP [WUSCAR] 05903142 (Generated: 07/21/2023 15:15:06) Rev: 1

Contact/Location: KEITH SPICER - VPADVNAP