OIL ANALYSIS REPORT

VOLVO PENTA

A825831 - STARBOARD DIESEL ENGINE

Sample No: VPA055585

Oil Type: DIESEL ENGINE OIL SAE 40

Sample Number		VPA055585	 	
Sample Date		27 Jul 2023	 	
Machine Hours		266	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.9	 	
Base Number (BN)	mg KOH/g	10.2	 	
Oxidation (PA)	%	54	 	
CONTAMINATION				
Soot %	%	0.3	 	
Nitration (PA)	%	46	 	
Sulfation (PA)	%	46 52	 	
Glycol	%	52 NEG		
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	1	 	
Potassium	ppm	3	 	
WEAR METALS				
Iron	ppm	7	 	
Copper	ppm	3	 	
Lead	ppm	1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	59	 	
Nickel	ppm	<1	 	
Titanium	ppm		 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	1119	 	
Magnesium	ppm	1011	 	
Zinc	ppm	1327	 	
Phosphorus	ppm	1060	 	
Barium			 	
Boron	ppm ppm	1	 	

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 suitable for further service.

 Depot:
 VPADVNAP

 Unique No:
 10576296

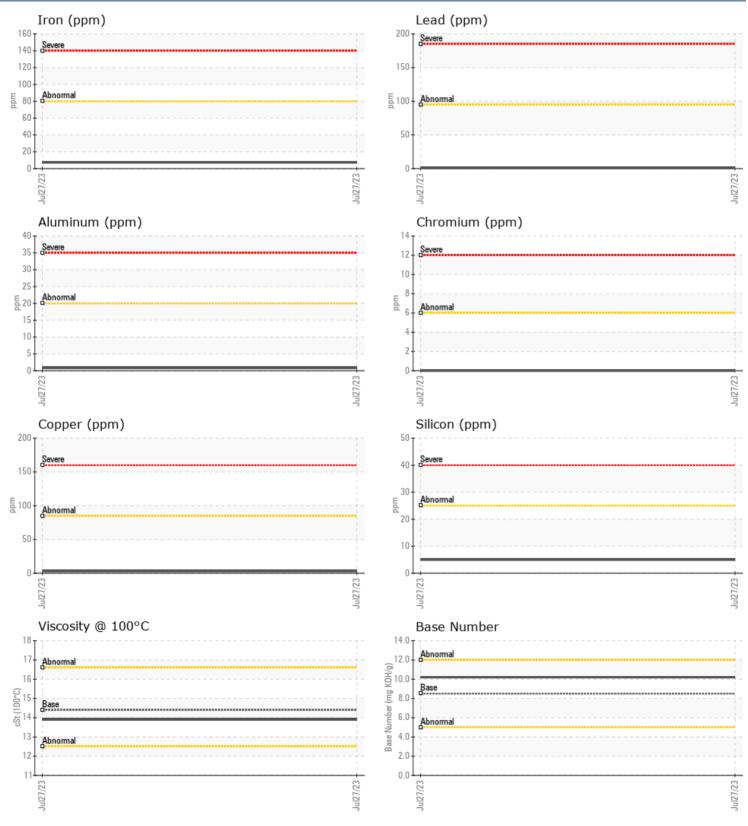
 Signed:
 Doug Bogart

 Report Date:
 30 Jul 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VPADVNAP [WUSCAR] 05909644 (Generated: 07/30/2023 21:24:22) Rev: 1

Contact/Location: KEITH SPICER - VPADVNAP