OIL ANALYSIS REPORT

VOLVO PENTA

9KS04101 - STARBOARD DIESEL ENGINE

Sample No: VPA055126

Oil Type: DIESEL ENGINE OIL SAE 40

Sample Number		VPA055126	 	
Sample Date		23 Apr 2024	 	
Machine Hours		1631	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.7	 	
Base Number (BN)	mg KOH/g	7.0	 	
Oxidation (PA)	%	52	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.4	 	
Nitration (PA)	%	65	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	2	 	
Potassium	ppm	 _ <1	 	
WEAR METALS				
Iron	ppm	7	 	
Copper	ppm		 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	82	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	2493	 	
Magnesium	ppm	37	 	
Zinc	ppm	1295	 	
Phosphorus	ppm	1097	 	
Barium	ppm	0	 	
Boron	ppm	70	 	

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.

 Unique No:
 10995423

 Signed:
 Jonathan Hester

 Report Date:
 26 Apr 2024

Depot:

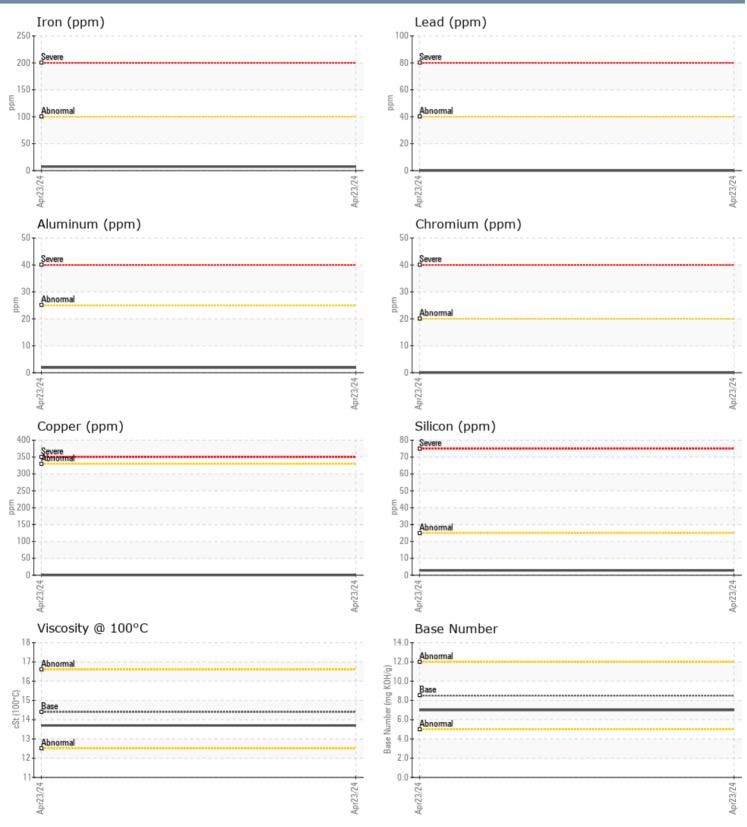
Contact/Location: KEITH SPICER - VPADVNAP

VPADVNAP

OIL ANALYSIS REPORT



GRAPHS



Report Id: VPADVNAP [WUSCAR] 06160000 (Generated: 04/26/2024 11:15:24) Rev: 1

Contact/Location: KEITH SPICER - VPADVNAP