OIL ANALYSIS REPORT

VOLVO PENTA

A1147348 - STARBOARD DIESEL ENGINE

Sample No: VPA059655

Oil Type: SHELL Rotella T5 15W-40

SAMPLE INFORMAT	IUN			
Sample Number		VPA059655	 	
Sample Date		01 Nov 2023	 	
Machine Hours		252	 	
Oil Hours		96	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.0	 	
Base Number (BN)	mg KOH/g	7.2	 	
Oxidation (PA)	%	51	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.3	 	
Nitration (PA)	%	68	 	
Sulfation (PA)	%	48	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	7	 	
Sodium	ppm	3	 	
Potassium	ppm	4	 	
WEAR METALS				
Iron	ppm	13	 	
Copper	ppm	6	 	
Lead	ppm	3	 	
Tin	ppm	2	 	
Aluminum	ppm	5	 	
Chromium	ppm	2	 	
Molybdenum	ppm	79	 	
Nickel	ppm	2	 	
Titanium	ppm	 <1	 	
Silver	ppm	□ <1	 	
Manganese	ppm	∎1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	2306	 	
Magnesium	ppm	0	 	
Zinc	ppm	1279	 	
Phosphorus	ppm	1003	 	
Barium	ppm	0	 	
Boron	ppm	56	 	

JOHN ANSELMO

613 MOUNTAIN RD KINNELON, NJ US 07405 Contact: JOHN ANSELMO jvanselmo@gmail.com T: (201)280-6069 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:
 VPJOHKIN

 Unique No:
 10753990

 Signed:
 Angela Borella

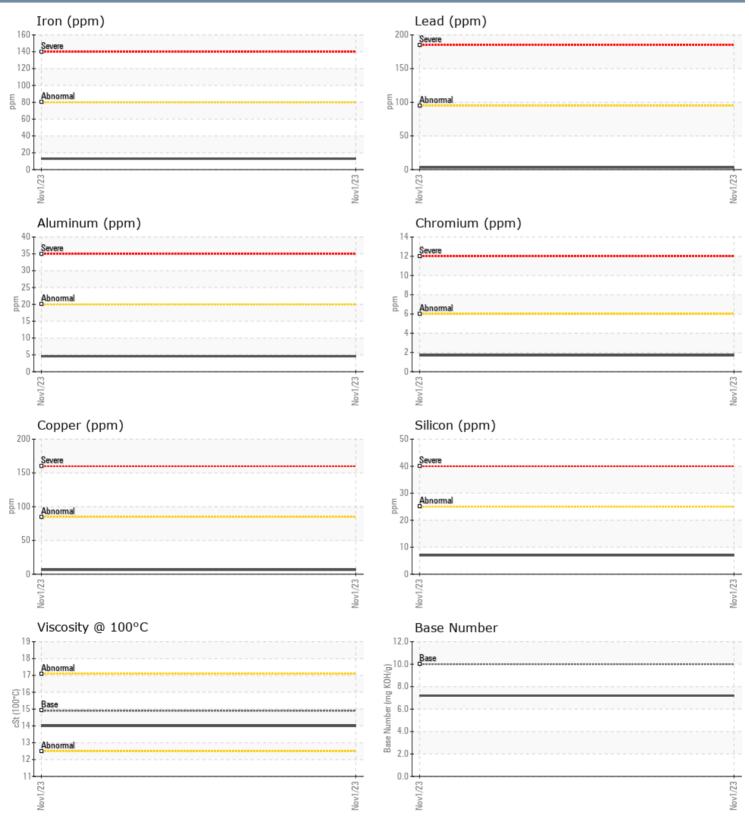
 Report Date:
 28 Nov 2023

Contact/Location: JOHN ANSELMO - VPJOHKIN

OIL ANALYSIS REPORT



GRAPHS



Report Id: VPJOHKIN [WUSCAR] 06014846 (Generated: 11/28/2023 18:36:59) Rev: 1

Contact/Location: JOHN ANSELMO - VPJOHKIN