OIL ANALYSIS REPORT

MARINE MAR - A YATCH OF FUN 14039 VOLVO PENTA A671874 - PORT DIESEL ENGINE

Sample No: VPA047803

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number		VPA047803	 	
Sample Date		07 Jun 2023	 	
Machine Hours		1257	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.3	 	
Base Number (BN)	5 . 5	10.3	 	
Oxidation (PA)	%	59	 	
CONTAMINATION				
Soot %	%	0.2	 	
Nitration (PA)	%	53	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	2	 	
Sodium	ppm	2	 	
Potassium	ppm	 <1	 	

WEAR METALS

Iron	ppm	6	 	
Copper	ppm	1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	7	 	
Chromium	ppm	0	 	
Molybdenum	ppm	59	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1192	 	
Magnesium	ppm	1060	 	
Zinc	ppm	1416	 	
Phosphorus	ppm	1119	 	
Barium	ppm	0	 	
Boron	ppm	3	 	

PARTS & POWER

PO BOX 1305498, PMB1000-00 ST THOMAS, VI US 00803 Contact: KARIM PERSAUD info@partsandpower.com T: (284)494-2830 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:
 VP981217

 Unique No:
 10523667

 Signed:
 Sean Felton

 Report Date:
 22 Jun 2023

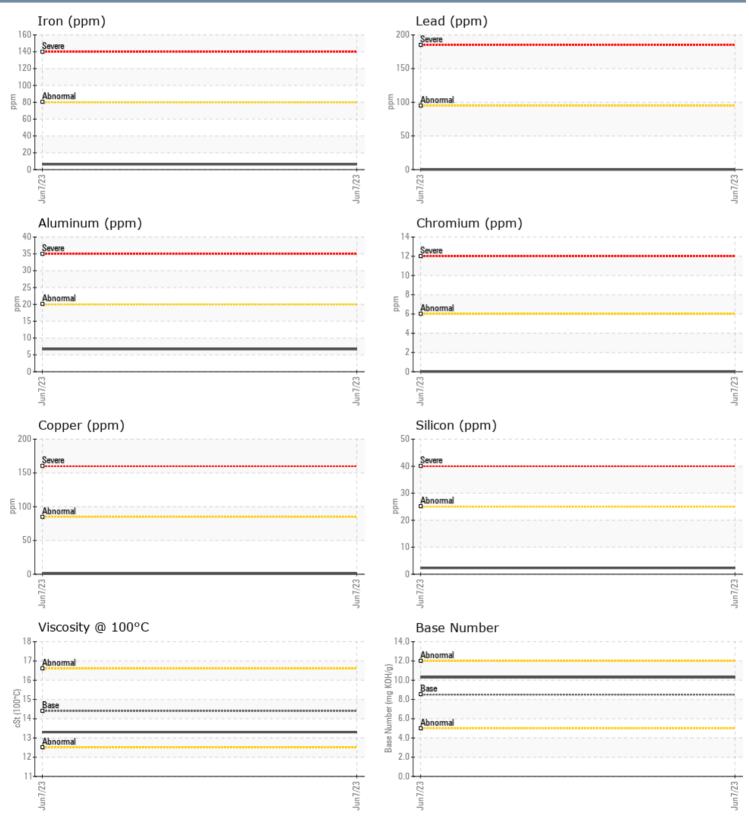
Contact/Location: KARIM PERSAUD - VP981217



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP981217 [WUSCAR] 05878564 (Generated: 08/22/2023 08:32:02) Rev: 1

Contact/Location: KARIM PERSAUD - VP981217