## **OIL ANALYSIS REPORT**

## MARINE MAX PGRNAMENT PAYOUT VOLVO PENTA VV067931 - PORT DIESEL ENGINE

Sample No: VPA055071

Oil Type: DIESEL ENGINE OIL SAE 40

#### SAMPLE INFORMATION

Sample Number		VPA055071	 	
Sample Date		07 Jul 2023	 	
Machine Hours		2765	 	
Oil Hours		58	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	<b>13.6</b>	 	
Base Number (BN)	mg KOH/g	<b>10.4</b>	 	
Oxidation (PA)	%	55	 	
CONTAMINATION				
Soot %	%	0.2	 	
Nitration (PA)	%	45	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>4</b>	 	
Sodium	ppm	∎1	 	
Potassium	ppm	<b>1</b>	 	

### WEAR METALS

Iron	ppm	7	 	
Copper	ppm	2	 	
Lead	ppm	■<1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	<b>10</b>	 	
Chromium	ppm	<b>  </b> <1	 	
Molybdenum	ppm	61	 	
Nickel	ppm	<b></b> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	<1	 	

#### ADDITIVES

Calcium	ppm	<b>1150</b>	 	
Magnesium	ppm	<b>1009</b>	 	
Zinc	ppm	<b>1288</b>	 	
Phosphorus	ppm	<b>1054</b>	 	
Barium	ppm	0	 	
Boron	ppm	5	 	

#### 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 acceptable for the time in service.

 Depot:
 VP981217

 Unique No:
 10585767

 Signed:
 Sean Felton

 Report Date:
 03 Aug 2023

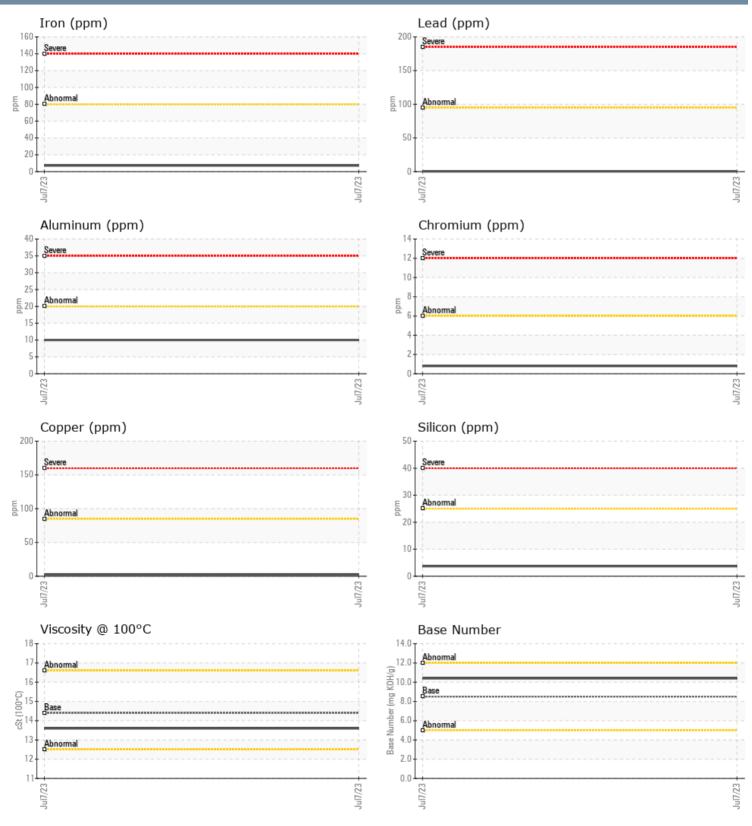
Contact/Location: KARIM PERSAUD - VP981217



# **OIL ANALYSIS REPORT**



#### GRAPHS



Contact/Location: KARIM PERSAUD - VP981217