# **OIL ANALYSIS REPORT**

## MIKE ROSS AR M ROSS 502694 VOLVO PENTA 4012182161 - PORT GASOLINE ENGINE

Sample No: VPA061853

Oil Type: VOLVO 10W40

#### SAMPLE INFORMATION

SAMEL IN ORMAN ION					
Sample Number		VPA061853			
Sample Date		03 May 2024			
Machine Hours		0			
Oil Hours		0			
Oil Changed		N/A			
Sample Status		NORMAL			
OIL CONDITION					
Visc @ 100°C	cSt	14.3			
Base Number (BN)	mg KOH/g	6.8			
Oxidation (PA)	%	9			
CONTRAMINATION					
CONTAMINATION					
Water	%	NEG			
Soot %	%	<b>0.1</b>			
Nitration (PA)	%	5			
Sulfation (PA)	%	9			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	24			
Sodium	ppm	21			
Potassium	ppm	<b>11</b>			
WEAR METALS					
Iron	ppm	72			
Copper	ppm	<b>17</b>			
Lead	ppm	3			
Tin	ppm	<b>■</b> <1			
Aluminum	ppm	5			
Chromium	ppm	3			
Molybdenum	ppm	43			
Nickel	ppm	<b>■</b> <1			
Titanium	ppm	<1			
Silver	ppm	0			
Manganese	ppm	4			
Vanadium	ppm	<1			
ADDITIVES					
Calcium	ppm	1694			
Magnesium	ppm	18			
Zinc	ppm	806			
Phosphorus	ppm	702			
Barium	ppm	29			
Boron	ppm	17			

Endor Marine LLC - Coastal Marine - 152124 4300 11th Ave. NW SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

### 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.

Contact/Location: WILLOW YANARELLA - VP794951

VP794951

11015829

Don Baldridge

08 May 2024

Depot:

Signed:

Unique No:

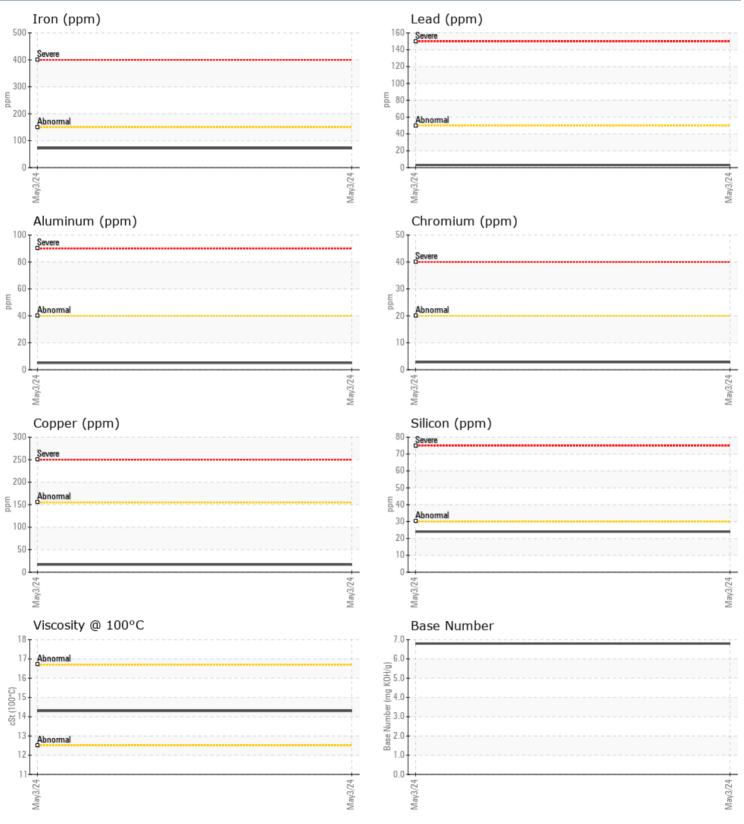
Report Date:



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#### GRAPHS



Report Id: VP794951 [WUSCAR] 06169776 (Generated: 05/10/2024 23:32:12) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951