## **OIL ANALYSIS REPORT**

### CHRIS GORSKI 502828A VOLVO PENTA 5102376483B - GENSET

Sample No: VPA060069

**Oil Type: VOLVO PENTA SAE 15W40** 

#### SAMPLE INFORMATION

Sample Number		VPA060069	 	
Sample Date		18 Mar 2024	 	
Machine Hours		100	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
Sumple Status		Nonmae		
OIL CONDITION				
Visc @ 100°C	cSt	13.2	 	
Base Number (BN)	mg KOH/g	8.1	 	
Oxidation (PA)	%	49	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	47	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>1</b> 7	 	
Sodium	ppm	6	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	8	 	
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	<b>1454</b>	 	
Magnesium	ppm	619	 	
Zinc	ppm	838	 	
Phosphorus	ppm	□ 749	 	
Barium	ppm	□ <i>1</i> 49 □ <1	 	
Boron	ppm	84	 	
DOIOII	Phili	-04		

SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

Endor Marine LLC - Coastal Marine - 152124

#### Diagnosis

4300 11th Ave. NW

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: VP794951 Unique No: 10941493 Signed: Don Baldridge Report Date: 27 Mar 2024

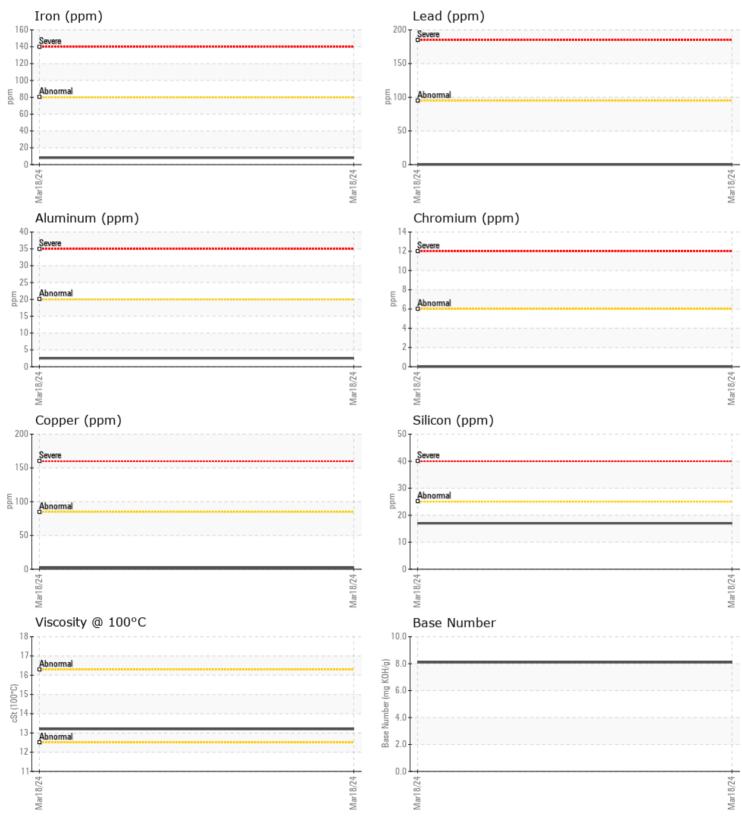
Contact/Location: WILLOW YANARELLA - VP794951



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#### GRAPHS



Report Id: VP794951 [WUSCAR] 06127342 (Generated: 03/28/2024 13:53:11) Rev: 2

Contact/Location: WILLOW YANARELLA - VP794951