## **OIL ANALYSIS REPORT**

#### BUCCHEIT TOM VOLVO PENTA A 184803 - PORT DIESEL ENGINE

Sample No: VPA056343

Oil Type: VOLVO PENTA SAE 15W40

#### SAMPLE INFORMATION

Sample Number		VPA056343	 	
Sample Date		13 Oct 2023	 	
Machine Hours		608	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.6	 	
Base Number (BN)		9.3	 	
Oxidation (PA)	%	57	 	
CONTAMINATION				
Soot %	%	0.2	 	
Nitration (PA)	%	48	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	2	 	
Potassium	ppm	2	 	

#### WEAR METALS

Iron	ppm	38	 	
Copper	ppm	<b>4</b>	 	
Lead	ppm	9	 	
Tin	ppm		 	
Aluminum	ppm	<b>1</b> 9	 	
Chromium	ppm	2	 	
Molybdenum	ppm	43	 	
Nickel	ppm	2	 	
Titanium	ppm	□<1	 	
Silver	ppm	□ <1	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	<1	 	

#### ADDITIVES

Calcium	ppm	<b>1101</b>	 	
Magnesium	ppm	722	 	
Zinc	ppm	<b>1084</b>	 	
Phosphorus	ppm	888	 	
Barium	ppm	0	 	
Boron	ppm	22	 	

### VOLVO PENTA

ADMIRALTY MARINE 2775 KURTZ ST, STE 12 SAN DIEGO, CA US 92110 Contact: Tarp: Alban

Contact: Terry Albee TALBEE@ADMIRALTYMARINE.NET T: 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:
 VP151529

 Unique No:
 10696482

 Signed:
 Don Baldridge

 Report Date:
 17 Oct 2023

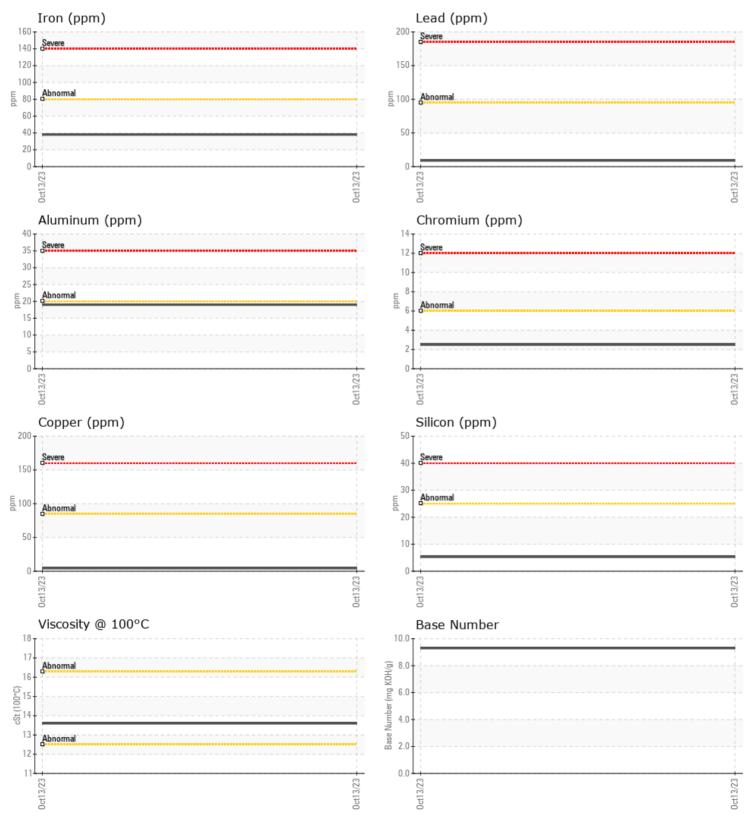
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Contact/Location: Terry Albee - VP151529

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP151529 [WUSCAR] 05979187 (Generated: 10/17/2023 17:42:24) Rev: 1

Contact/Location: Terry Albee - VP151529