

# OIL ANALYSIS REPORT



## ASHLEY CRAIG 624716 VOLVO PENTA A1094035 - PORT DIESEL ENGINE

Sample No: VPA015470

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

### SAMPLE INFORMATION

Sample Number	VPA015470	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	142	---	---	---
Oil Hours	2	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**Hagadone Hospitality Co.**  
1000 S. Marina Dr., PO Box 6200  
COEUR D ALENE, ID  
US 83814  
Contact: CHRIS CRAIG  
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T:  
F:

### OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Base Number (BN)	mg KOH/g	█ 9.7	---	---	---
Oxidation (PA)	%	52	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	42	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

### 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.

### WEAR METALS

Iron	ppm	█ 14	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 51	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1298	---	---	---
Magnesium	ppm	1050	---	---	---
Zinc	ppm	█ 1381	---	---	---
Phosphorus	ppm	█ 1038	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 39	---	---	---

Depot: VP434653  
Unique No: 10995036  
Signed: Sean Felton  
Report Date: 26 Apr 2024

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# VOLVO PENTA

## GRAPHS

