

# OIL ANALYSIS REPORT

# VOLVO PENTA

## AL CUNNINGHAM 6388 VOLVO PENTA TAM40A 19932 - PORT DIESEL ENGINE

Sample No: VPA060596

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA060596	---	---	---
Sample Date	03 Oct 2023	---	---	---
Machine Hours	3315	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

### Northwest Diesel Power

1325 ROEDER AVE SUITE 103  
BELLINGHAM, WA  
US 98225

Contact: BRANDON ROBERTSON  
parts@nwdieselpower.com

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F:

### OIL CONDITION

Visc @ 100°C	cSt	█ 11.3	---	---	---
Base Number (BN)	mg KOH/g	█ 9.0	---	---	---
Oxidation (PA)	%	29	---	---	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Fuel content negligible. 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.

### CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	28	---	---	---
Sulfation (PA)	%	43	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.5	---	---	---
Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---

### WEAR METALS

Iron	ppm	█ 31	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 9	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 54	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 3708	---	---	---
Magnesium	ppm	█ 14	---	---	---
Zinc	ppm	█ 1302	---	---	---
Phosphorus	ppm	█ 1186	---	---	---
Barium	ppm	█ 8	---	---	---
Boron	ppm	█ 578	---	---	---

Depot: VP759009

Unique No: 10729252

Signed: Sean Felton

Report Date: 09 Nov 2023

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## GRAPHS

