

# OIL ANALYSIS REPORT

# VOLVO PENTA

## MCCLOSKEY 92957 - VARIABLE SPEED - DIESEL ENGINE

Sample No: VPA051799

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA051799	---	---	---
Sample Date	21 Nov 2023	---	---	---
Machine Hours	1690	---	---	---
Oil Hours	1600	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### MCCOURT & SONS EQUIPMENT INC

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LA GRANGE, TX  
US 78945  
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### OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	---	---	---
Base Number (BN)	mg KOH/g	█ 9.3	---	---	---
Oxidation (PA)	%	64	---	---	---

### 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.

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	46	---	---	---
Sulfation (PA)	%	64	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ < 1	---	---	---

### WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 116	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	< 1	---	---	---

### ADDITIVES

Calcium	ppm	█ 1545	---	---	---
Magnesium	ppm	█ 632	---	---	---
Zinc	ppm	█ 878	---	---	---
Phosphorus	ppm	793	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 366	---	---	---

Depot: VP1121775  
Unique No: 10763876  
Signed: Don Baldrige  
Report Date: 01 Dec 2023

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## GRAPHS

