

# OIL ANALYSIS REPORT

# VOLVO PENTA

## MCCLOSKEY 92069 - VARIABLE SPEED - DIESEL ENGINE

Sample No: VPA054178

Oil Type: {unknown}

### SAMPLE INFORMATION

Sample Number	VPA054178	---	---	---
Sample Date	17 May 2024	---	---	---
Machine Hours	7224	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### MCCOURT & SONS EQUIPMENT INC

5141 HWY 71 W

LA GRANGE, TX

US 78945

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### OIL CONDITION

Visc @ 100°C	cSt	11.4	---	---	---
Base Number (BN)	mg KOH/g	▲ 3.4	---	---	---
Oxidation (PA)	%	65	---	---	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. 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. Light fuel dilution occurring. The BN level is low. The condition of the oil is acceptable for the time in service.

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	79	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 2.4	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 4	---	---	---

### WEAR METALS

Iron	ppm	■ 8	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 71	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	■ 2169	---	---	---
Magnesium	ppm	■ 67	---	---	---
Zinc	ppm	■ 1213	---	---	---
Phosphorus	ppm	■ 1004	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 21	---	---	---

Depot: VP1121775

Unique No: 11059510

Signed: Jonathan Hester

Report Date: 11 Jun 2024

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## GRAPHS

