

OIL ANALYSIS REPORT

VOLVO PENTA

ANDY RHEAUME VOLVO PENTA A884731 - DIESEL ENGINE

Sample No: VPA051224

Oil Type: CHEVRON DELO 400 MULTIGRADE 15W40

SAMPLE INFORMATION

Sample Number	VPA051224	---	---	---
Sample Date	03 Apr 2024	---	---	---
Machine Hours	296	---	---	---
Oil Hours	40	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

BELLINGHAM YACHT SALES (OUILEETE BROS)

1801 ROEDER AVE, SUITE 174

BELLINGHAM, WA

US 98225

Contact: MATT CLARK

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.9	---	---	---
Base Number (BN)	mg KOH/g	█ 8.5	---	---	---
Oxidation (PA)	%	48	---	---	---

Diagnosis

No corrective action is recommended at this time. 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 condition of the oil is acceptable for the time in service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.6	---	---	---
Nitration (PA)	%	62	---	---	---
Sulfation (PA)	%	49	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

Iron	ppm	█ 17	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1357	---	---	---
Magnesium	ppm	█ 766	---	---	---
Zinc	ppm	█ 819	---	---	---
Phosphorus	ppm	█ 740	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 88	---	---	---

Depot: VP255663

Unique No: 10965929

Signed: Doug Bogart

Report Date: 09 Apr 2024

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GRAPHS

