

OIL ANALYSIS REPORT

VOLVO PENTA

MATT PARENT 7718920 VOLVO PENTA 1101056313 - PORT DIESEL ENGINE

Sample No: VPA044692

Oil Type: VOLVO VDS-4.5 Premium Motor Oil 15W40

SAMPLE INFORMATION

Sample Number	VPA044692	---	---	---
Sample Date	19 Feb 2024	---	---	---
Machine Hours	751	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Pacific Power Group - VP981534

7215 S 228th St

Kent, WA

US 98032

Contact: PAT RYAN

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.8	---	---	---
Base Number (BN)	mg KOH/g	█ 7.6	---	---	---
Oxidation (PA)	%	54	---	---	---

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 suitable for further service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.5	---	---	---
Nitration (PA)	%	68	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 4	---	---	---

WEAR METALS

Iron	ppm	█ 13	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 18	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	18	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 1367	---	---	---
Magnesium	ppm	█ 736	---	---	---
Zinc	ppm	█ 927	---	---	---
Phosphorus	ppm	█ 760	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	102	---	---	---

Depot: VP99031103

Unique No: 10888223

Signed: Sean Felton

Report Date: 22 Feb 2024

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GRAPHS

