

OIL ANALYSIS REPORT

**VOLVO
PENTA**

UNIQUE PAVING R103007132 VOLVO PENTA 7005353827 - VARIABLE SPEED - DIESEL ENGINE

Sample No: VPA046534

Oil Type: VOLVO

SAMPLE INFORMATION

Sample Number	VPA046534	---	---	---
Sample Date	06 Oct 2022	---	---	---
Machine Hours	437	---	---	---
Oil Hours	333	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

WESTERN BRANCH - VP530168

1616 METRIC AVE SW
CANTON, OH
US 44706

Contact: RUSTY CRONK
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Base Number (BN)	mg KOH/g	█ 10.5	---	---	---
Oxidation (PA)	%	65	---	---	---

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

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	61	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 52	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1332	---	---	---
Magnesium	ppm	█ 812	---	---	---
Zinc	ppm	█ 1256	---	---	---
Phosphorus	ppm	█ 1057	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 25	---	---	---

Depot: VP410898
Unique No: 10179894
Signed: Jonathan Hester
Report Date: 20 Oct 2022

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GRAPHS

