

# OIL ANALYSIS REPORT

# VOLVO PENTA

## HAUCK 505907 VOLVO PENTA A1050651 - PORT DIESEL ENGINE

Sample No: VPA056306

Oil Type: VOLVO PENTA SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA056306	VPA042447	---	---
Sample Date	08 Jan 2024	01 Feb 2023	---	---
Machine Hours	352	339	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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### OIL CONDITION

Visc @ 100°C	cSt	█ 13.4	█ 13.3	---	---
Base Number (BN)	mg KOH/g	█ 9.3	█ 10.2	---	---
Oxidation (PA)	%	55	59	---	---

### 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	NEG	---	---
Soot %	%	█ 0.3	█ 0.5	---	---
Nitration (PA)	%	44	59	---	---
Sulfation (PA)	%	51	55	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 4	█ 16	---	---
Sodium	ppm	█ 3	█ 2	---	---
Potassium	ppm	█ 0	█ 0	---	---

### WEAR METALS

Iron	ppm	█ 12	█ 19	---	---
Copper	ppm	█ 6	█ 12	---	---
Lead	ppm	█ 2	█ 5	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 4	█ 7	---	---
Chromium	ppm	█ <1	█ 1	---	---
Molybdenum	ppm	█ 58	█ 53	---	---
Nickel	ppm	█ 1	█ 2	---	---
Titanium	ppm	█ 0	█ <1	---	---
Silver	ppm	█ 0	█ <1	---	---
Manganese	ppm	█ <1	█ 1	---	---
Vanadium	ppm	0	<1	---	---

### ADDITIVES

Calcium	ppm	█ 1091	█ 1027	---	---
Magnesium	ppm	█ 914	█ 923	---	---
Zinc	ppm	█ 1228	█ 1203	---	---
Phosphorus	ppm	█ 1034	█ 929	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 11	█ 3	---	---

Depot: VP297371

Unique No: 10832026

Signed: Angela Borella

Report Date: 17 Jan 2024

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## GRAPHS

