

OIL ANALYSIS REPORT

VOLVO PENTA

MARK SCHDLER 502772 AR VOLVO PENTA A190534 - GASOLINE ENGINE

Sample No: VPA059747

Oil Type: VOLVO 10W40 FULL SYNTHETIC

SAMPLE INFORMATION

Sample Number	VPA059747	---	---	---
Sample Date	19 Feb 2024	---	---	---
Machine Hours	283	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	▲ 12.0	---	---	---
Base Number (BN)	mg KOH/g	■ 8.1	---	---	---
Oxidation (PA)	%	12	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Light fuel dilution occurring. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	10	---	---	---
Sulfation (PA)	%	10	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 2.3	---	---	---
Silicon	ppm	■ 35	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 3	---	---	---

WEAR METALS

Iron	ppm	■ 26	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 5	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	12	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	1421	---	---	---
Magnesium	ppm	72	---	---	---
Zinc	ppm	691	---	---	---
Phosphorus	ppm	631	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	48	---	---	---

Depot: VP794951
Unique No: 10889471
Signed: Jonathan Hester
Report Date: 26 Feb 2024

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GRAPHS

