

OIL ANALYSIS REPORT

VOLVO PENTA

CHRIS THOMPSON 6615 YANMAR KM4A 20642 - GENSET

Sample No: VPA051561

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA051561	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	1936	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 9.3	---	---	---
Base Number (BN)	mg KOH/g	█ 8.5	---	---	---
Oxidation (PA)	%	45	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	45	---	---	---
Sulfation (PA)	%	46	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---

WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	9	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1633	---	---	---
Magnesium	ppm	392	---	---	---
Zinc	ppm	852	---	---	---
Phosphorus	ppm	768	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	129	---	---	---

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T:
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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. No evidence of fuel present in the oil. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VP759009
Unique No: 10980214
Signed: Doug Bogart
Report Date: 16 Apr 2024

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GRAPHS

