

OIL ANALYSIS REPORT

VOLVO PENTA

JOSHUA SMITH 533400 CUMMINS/ONAN E160957360 - GENSET

Sample No: VPA036604

Oil Type: VALVOLINE 15W40

SAMPLE INFORMATION

Sample Number	VPA036604	---	---	---
Sample Date	06 Oct 2023	---	---	---
Machine Hours	389	---	---	---
Oil Hours	129	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Jas Marine Service Inc.

1009 Newman RD.

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US 33403

Contact: DEBBIE

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.22	---	---	---
Base Number (BN)	mg KOH/g	█ 9.0	---	---	---
Oxidation (PA)	%	63	---	---	---

Diagnosis

No corrective action is recommended at this time. 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)	%	55	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 64	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1314	---	---	---
Magnesium	ppm	█ 689	---	---	---
Zinc	ppm	█ 941	---	---	---
Phosphorus	ppm	█ 791	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	143	---	---	---

Depot: VP152963

Unique No: 10686574

Signed: Doug Bogart

Report Date: 10 Oct 2023

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GRAPHS

