

OIL ANALYSIS REPORT

**VOLVO
PENTA**

MIKE OWEN 6230 KOHLER 9CC0263 349296 - GENSET

Sample No: VPA045884

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA045884	---	---	---
Sample Date	08 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Northwest Diesel Power

1325 ROEDER AVE SUITE 103

BELLINGHAM, WA

US 98225

Contact: BRANDON ROBERTSON

parts@nwdieselpower.com

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.51	---	---	---
Base Number (BN)	mg KOH/g	█ 9.8	---	---	---
Oxidation (PA)	%	55	---	---	---

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	---	---	---
Nitration (PA)	%	41	---	---	---
Sulfation (PA)	%	51	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---

WEAR METALS

Iron	ppm	█ 1	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	60	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	1199	---	---	---
Magnesium	ppm	892	---	---	---
Zinc	ppm	1257	---	---	---
Phosphorus	ppm	1028	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	103	---	---	---

Depot: VP759009

Unique No: 10601763

Signed: Jonathan Hester

Report Date: 14 Aug 2023

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GRAPHS

