

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GARY MERNELSTREN 6506 WESTERBEKE 7.6EGTD 2533765D - GENSET

Sample No: VPA060169

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA060169	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	40	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

Northwest Diesel Power
1325 ROEDER AVE SUITE 103
BELLINGHAM, WA
US 98225
Contact: BRANDON ROBERTSON
parts@nwdieselpower.com
T:
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.7	---	---	---
Base Number (BN)	mg KOH/g	8.0	---	---	---
Oxidation (PA)	%	58	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	49	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 30	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ 7	---	---	---

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 acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 32	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	1999	---	---	---
Magnesium	ppm	74	---	---	---
Zinc	ppm	1169	---	---	---
Phosphorus	ppm	948	---	---	---
Barium	ppm	4	---	---	---
Boron	ppm	160	---	---	---

Depot: VP759009
Unique No: 10833210
Signed: Don Baldrige
Report Date: 18 Jan 2024

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GRAPHS

