

OIL ANALYSIS REPORT

VOLVO PENTA

JENIFER MALDONADO WESTERBEKE 34549 - GENSET

Sample No: VPA036936

Oil Type: SAE 40W

SAMPLE INFORMATION

Sample Number	VPA036936	---	---	---
Sample Date	03 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 100°C	cSt	█ 13.04	---	---	---
Base Number (BN)	mg KOH/g	█ 5.7	---	---	---
Oxidation (PA)	%	37	---	---	---

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

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	51	---	---	---
Sulfation (PA)	%	44	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 24	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

Iron	ppm	█ 13	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ < 1	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 61	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ < 1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	█ 1025	---	---	---
Magnesium	ppm	█ 449	---	---	---
Zinc	ppm	█ 830	---	---	---
Phosphorus	ppm	█ 631	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 133	---	---	---

Depot: VPCYMPOM
Unique No: 10963232
Signed: Jonathan Hester
Report Date: 10 Apr 2024

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GRAPHS

