

OIL ANALYSIS REPORT

VOLVO PENTA

CALLINECTES 44 3911 G060950433 - CENTER GENSET

Sample No: VPA060627

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION

Sample Number	VPA060627	VPA043872	---	---
Sample Date	08 Dec 2023	16 Dec 2021	---	---
Machine Hours	30318	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 13.8	█ 12.8	---	---
Base Number (BN)	mg KOH/g	█ 8.7	---	---	---
Oxidation (PA)	%	63	65	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.1	█ 0.1	---	---
Nitration (PA)	%	46	57	---	---
Sulfation (PA)	%	55	55	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 5	█ 6	---	---
Sodium	ppm	█ 1	█ 2	---	---
Potassium	ppm	█ 8	█ 6	---	---

WEAR METALS

Iron	ppm	█ 3	█ 8	---	---
Copper	ppm	█ 0	█ 1	---	---
Lead	ppm	█ 0	█ 2	---	---
Tin	ppm	█ <1	█ <1	---	---
Aluminum	ppm	█ 1	█ 2	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ <1	█ 12	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 2079	█ 2168	---	---
Magnesium	ppm	█ 18	█ 37	---	---
Zinc	ppm	█ 1163	█ 1094	---	---
Phosphorus	ppm	█ 1013	█ 945	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 199	█ 171	---	---

The Talaria Company

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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.

Depot: VP592286

Unique No: 10794144

Signed: Sean Felton

Report Date: 20 Dec 2023

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GRAPHS

