

OIL ANALYSIS REPORT

VOLVO PENTA

3506 OSPREY FISCHER PANDA 2102718 - CENTER GENSET

Sample No: VPA056151
Oil Type: SHELL 15W40

SAMPLE INFORMATION

Sample Number	VPA056151	---	---	---
Sample Date	29 Jan 2024	---	---	---
Machine Hours	144	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

GRAND BANKS

450 SW SALEM RD
STUART, FL
US 34994
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.6	---	---	---
Base Number (BN)	mg KOH/g	8.9	---	---	---
Oxidation (PA)	%	59	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	46	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 10	---	---	---

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	█ 17	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 20	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	3641	---	---	---
Magnesium	ppm	█ 63	---	---	---
Zinc	ppm	1671	---	---	---
Phosphorus	ppm	1418	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 284	---	---	---

Depot: VP531377
Unique No: 10874253
Signed: Sean Felton
Report Date: 14 Feb 2024

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GRAPHS

