

OIL ANALYSIS REPORT



NELSON BALDWIN 77190370227 VOLVO PENTA 51220409693 - INBOARD - CENTER GEARBOX

Sample No: VPA051733

Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102

SAMPLE INFORMATION

Sample Number	VPA051733	VPA056703	---	---
Sample Date	27 Feb 2024	18 Apr 2023	---	---
Machine Hours	161	28	---	---
Oil Hours	161	28	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Pacific Power Group - VP981534
7215 S 228th St
Kent, WA
US 98032
Contact: MARINE SERVICES
MarineService@pacificpowergroup.com
T: (253)520-5151
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 26.7	█ 31.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 4	█ 14	---	---
Sodium	ppm	█ 2	█ 5	---	---
Potassium	ppm	█ 1	█ 0	---	---

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 condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 29	█ 31	---	---
Iron	ppm	█ 34	█ 66	---	---
Copper	ppm	█ 17	█ 50	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ 1	---	---
Aluminum	ppm	█ 1	█ 1	---	---
Chromium	ppm	█ 0	█ 0	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ 2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 146	█ 645	---	---
Magnesium	ppm	█ 19	█ 2	---	---
Zinc	ppm	█ 21	█ 79	---	---
Phosphorus	ppm	█ 159	█ 219	---	---
Barium	ppm	█ 2	█ 0	---	---
Boron	ppm	█ 79	█ 201	---	---

Depot: VP99031103
Unique No: 10916703
Signed: Don Baldrige
Report Date: 12 Mar 2024

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GRAPHS

