

OIL ANALYSIS REPORT



BILL JONES 7716732 VOLVO PENTA 51220351730 - INBOARD - CENTER GEARBOX

Sample No: VPA050739

Oil Type: CHEVRON AUTOMATIC TRANS FLUID MD-3

SAMPLE INFORMATION

Sample Number	VPA050739	VPA037764	VPA025786	---
Sample Date	11 Sep 2023	17 Nov 2021	22 Sep 2020	---
Machine Hours	545	310	162	---
Oil Hours	0	0	162	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Pacific Power Group - VP981534
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OIL CONDITION

Visc @ 40°C	cSt	25.8	26.5	28.1	---
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CONTAMINATION

Silicon	ppm	2	3	6	---
Sodium	ppm	1	0	0	---
Potassium	ppm	0	0	<1	---

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		12	18	24	---
Iron	ppm	10	16	48	---
Copper	ppm	12	8	31	---
Lead	ppm	0	0	3	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	5	<1	0	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	19	10	20	---
Magnesium	ppm	4	5	58	---
Zinc	ppm	7	27	299	---
Phosphorus	ppm	138	182	353	---
Barium	ppm	0	0	<1	---
Boron	ppm	60	54	67	---

Depot: VP99031103
Unique No: 10656769
Signed: Don Baldrige
Report Date: 21 Sep 2023

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GRAPHS

