

OIL ANALYSIS REPORT

VOLVO PENTA

BRIEN BLUHM 7719893 VOLVO PENTA 51220276966 - INBOARD - CENTER GEARBOX

Sample No: VPA054947

Oil Type: CHEVRON AUTOMATIC TRANS FLUID MD-3

SAMPLE INFORMATION

Sample Number	VPA054947	VPA056676	---	---
Sample Date	06 May 2024	24 Apr 2023	---	---
Machine Hours	614	390	---	---
Oil Hours	224	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

Pacific Power Group - VP981534

7215 S 228th St

Kent, WA

US 98032

Contact: PAT RYAN

pryan@pacificpowergroup.com

T: (253)520-5163

F:

OIL CONDITION

Visc @ 40°C	cSt	█ 26.7	█ 26.1	---	---
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CONTAMINATION

Water	%	NEG	▲ 0.616	---	---
Silicon	ppm	█ 5	█ 11	---	---
Sodium	ppm	█ 3	█ 18	---	---
Potassium	ppm	█ 0	█ 6	---	---

WEAR METALS

PQ		█ 30	█ 77	---	---
Iron	ppm	█ 37	█ 102	---	---
Copper	ppm	█ 28	▲ 65	---	---
Lead	ppm	█ 67	▲ 120	---	---
Tin	ppm	█ <1	█ 1	---	---
Aluminum	ppm	█ 0	█ 2	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ 2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 54	█ 22	---	---
Magnesium	ppm	█ 0	█ 22	---	---
Zinc	ppm	█ 112	█ 430	---	---
Phosphorus	ppm	█ 159	█ 178	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 57	█ 47	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP99031103

Unique No: 11031745

Signed: Don Baldrige

Report Date: 17 May 2024

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GRAPHS

