

OIL ANALYSIS REPORT

VOLVO PENTA

GEORGE SILVERMAN VOLVO PENTA 51220400194 - INBOARD - CENTER GEARBOX

Sample No: VPA044656
Oil Type: CHEVRON MD-3 ATF

SAMPLE INFORMATION

Sample Number	VPA044656	VPA056787	---	---
Sample Date	21 Feb 2024	09 May 2023	---	---
Machine Hours	152	36	---	---
Oil Hours	125	36	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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	█ 28.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 5	█ 8	---	---
Sodium	ppm	█ 2	█ 2	---	---
Potassium	ppm	█ 0	█ 2	---	---

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	█ 28	---	---
Iron	ppm	█ 30	█ 40	---	---
Copper	ppm	█ 29	█ 42	---	---
Lead	ppm	█ <1	█ 1	---	---
Tin	ppm	█ <1	█ 1	---	---
Aluminum	ppm	█ <1	█ 2	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	<1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	█ 0	0	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 15	13	---	---
Magnesium	ppm	█ 7	60	---	---
Zinc	ppm	█ 58	287	---	---
Phosphorus	ppm	█ 167	360	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	█ 55	47	---	---

Depot: VP99031103
Unique No: 10900825
Signed: Don Baldrige
Report Date: 29 Feb 2024

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GRAPHS

