

OIL ANALYSIS REPORT

VOLVO PENTA

MICHAEL BECKER OWNER 51220332754 - INBOARD - PORT GEARBOX

Sample No: VPA062815

Oil Type: CHEVRON AUTOMATIC TRANS FLUID MD-3

SAMPLE INFORMATION

Sample Number	VPA062815	VPA051512	VPA041641	VPA048892
Sample Date	25 Jun 2024	08 Sep 2023	25 Aug 2022	01 Apr 2022
Machine Hours	520	450	333	333
Oil Hours	116	40	0	333
Oil Changed	Changed	Not Changd	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

MICHAEL BECKER

21827 NE 104TH PLACE

REDMOND, WA

US 98053

Contact: MICHAEL BECKER

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OIL CONDITION

Visc @ 40°C	cSt	█ 26.5	█ 27.76	█ 30.1	█ 23.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	█ 2	█ 4	█ 2	█ 9
Sodium	ppm	█ 2	█ 1	█ <1	█ 3
Potassium	ppm	█ <1	█ 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		█ 22	█ 26	█ 12	█ 37
Iron	ppm	█ 21	█ 23	█ 25	█ 117
Copper	ppm	█ 15	█ 10	█ 20	● 130
Lead	ppm	█ <1	█ <1	█ 0	█ 4
Tin	ppm	█ <1	█ <1	█ 0	█ 4
Aluminum	ppm	█ <1	█ 0	█ <1	█ 3
Chromium	ppm	█ 0	█ 0	0	<1
Molybdenum	ppm	█ 0	█ 1	<1	<1
Nickel	ppm	█ 0	█ 0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	█ <1	█ <1	<1	2
Vanadium	ppm	0	<1	0	0

ADDITIVES

Calcium	ppm	4	█ 162	9	37
Magnesium	ppm	█ 3	█ 0	6	54
Zinc	ppm	█ <1	█ 10	37	288
Phosphorus	ppm	█ 160	█ 208	161	352
Barium	ppm	█ 0	█ 0	3	2
Boron	ppm	█ 59	█ 62	56	55

Depot: VPMICRED

Unique No: 11115278

Signed: Don Baldrige

Report Date: 11 Jul 2024

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GRAPHS

