

OIL ANALYSIS REPORT



ZF/VOLVO PENTA 5 1 Z30084705 - INBOARD V-DRIVE - PORT GEARBOX

Sample No: VPA05939299
Oil Type: UNKNOWN OEM

SAMPLE INFORMATION

Sample Number	VPA05939299	VPA05939298	---	---
Sample Date	18 May 2023	17 May 2023	---	---
Machine Hours	6	6	---	---
Oil Hours	0	6	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Marine Max, Inc.

dba Marine Max Vacations, 18167 US highway 19N, Ste 300
 Clearwater, FL
 US 33764
 Contact: Dave Thelen
 David.Thelen@marinemax.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	34.8	34.7	---	---
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CONTAMINATION

Silicon	ppm	7	7	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	2	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		17	15	---	---
Iron	ppm	9	10	---	---
Copper	ppm	27	27	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	3	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	98	98	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	17	17	---	---
Phosphorus	ppm	244	242	---	---
Barium	ppm	0	0	---	---
Boron	ppm	126	126	---	---

Depot: VP841065
Unique No: 10629911
Signed: Sean Felton
Report Date: 01 Sep 2023

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VOLVO PENTA

GRAPHS

