

OIL ANALYSIS REPORT

VOLVO PENTA

CHRIS BARBER MATTHEW DOW VOLVO PENTA 3200000712 - PORT IPS

Sample No: VPA050871

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA050871	VPA042825	VPA047347	---
Sample Date	18 Apr 2024	05 Dec 2022	28 Mar 2022	---
Machine Hours	217	140	87	---
Oil Hours	77	53	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Mobile Marine Services Inc
01032 Advance Rd South
EAST JORDAN, MI
US 49727
Contact: Duane Kujat
mobilemarine@twin-valley.net
T: Phone
F:

OIL CONDITION

Visc @ 40°C	cSt	104	105	95.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	<1	3	---
Sodium	ppm	0	<1	3	---
Potassium	ppm	2	<1	3	---

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		16	14	15	---
Iron	ppm	60	24	21	---
Copper	ppm	6	5	10	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	2	<1	2	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	2	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	1	1	2	---
Vanadium	ppm	<1	0	0	---

ADDITIVES

Calcium	ppm	3	15	24	---
Magnesium	ppm	11	65	865	---
Zinc	ppm	5	9	5	---
Phosphorus	ppm	1313	1254	1550	---
Barium	ppm	0	0	0	---
Boron	ppm	388	308	614	---

Depot: VP443016
Unique No: 11046298
Signed: Don Baldrige
Report Date: 28 May 2024

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GRAPHS

