

OIL ANALYSIS REPORT



GREG PACKER MATTHEW DOW VOLVO PENTA 3940021442 - PORT IPS

Sample No: VPA061919
Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA061919	VPA047882	VPA036109	---
Sample Date	28 May 2024	12 Apr 2023	26 Jan 2022	---
Machine Hours	618	541	452	---
Oil Hours	77	89	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	ABNORMAL	ABNORMAL	ATTENTION	---

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	102	108	102	---
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CONTAMINATION

Water	%	0.462	0.433	NEG	---
Silicon	ppm	11	15	14	---
Sodium	ppm	2	1	6	---
Potassium	ppm	1	1	2	---

WEAR METALS

PQ		26	24	19	---
Iron	ppm	260	232	219	---
Copper	ppm	12	17	31	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	4	<1	3	---
Chromium	ppm	2	2	1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	2	2	4	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	3	4	5	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	8	11	8	---
Magnesium	ppm	18	24	44	---
Zinc	ppm	41	21	2	---
Phosphorus	ppm	1517	1313	1357	---
Barium	ppm	0	0	0	---
Boron	ppm	304	350	205	---

Diagnosis

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Gear wear is indicated. Appearance is milky. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP443016
Unique No: 11111356
Signed: Don Baldrige
Report Date: 07 Jul 2024

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VOLVO PENTA

GRAPHS

