

OIL ANALYSIS REPORT



BRAD HYNES MATTHEW DOW VOLVO PENTA 3194005808 - CENTER IPS

Sample No: VPA06121165

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA06121165	VPA047884	VPA030293	---
Sample Date	15 Feb 2024	07 Apr 2023	05 Mar 2020	---
Machine Hours	1706	1642	1233	---
Oil Hours	64	75	69	---
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	102	107	102	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	9	8	---
Sodium	ppm	<1	0	<1	---
Potassium	ppm	0	<1	0	---

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		28	32	24	---
Iron	ppm	110	111	84	---
Copper	ppm	3	5	4	---
Lead	ppm	0	0	1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	<1	1	1	---
Molybdenum	ppm	0	<1	1	---
Nickel	ppm	0	<1	1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	4	11	4	---
Magnesium	ppm	<1	2	0	---
Zinc	ppm	5	14	7	---
Phosphorus	ppm	1219	1300	1317	---
Barium	ppm	0	0	0	---
Boron	ppm	298	353	302	---

Depot: VP443016
Unique No: 10929998
Signed: Don Baldrige
Report Date: 20 Mar 2024

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**VOLVO
PENTA**

GRAPHS

