

OIL ANALYSIS REPORT

VOLVO PENTA

BRAD HYNES MATTHEW DOW VOLVO PENTA 3194005807 - STARBOARD IPS

Sample No: VPA049914

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA049914	VPA047886	---	---
Sample Date	15 Feb 2024	07 Apr 2023	---	---
Machine Hours	1714	1650	---	---
Oil Hours	64	76	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	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	108	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	8	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	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		19	21	---	---
Iron	ppm	84	121	---	---
Copper	ppm	2	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	0	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	3	4	---	---
Magnesium	ppm	1	4	---	---
Zinc	ppm	4	6	---	---
Phosphorus	ppm	1255	1308	---	---
Barium	ppm	0	0	---	---
Boron	ppm	303	355	---	---

Depot: VP443016
Unique No: 10929995
Signed: Don Baldrige
Report Date: 20 Mar 2024

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GRAPHS

