

OIL ANALYSIS REPORT

VOLVO PENTA

ALLOS 354002 MERCURY OM975593 - POD DRIVE - GEARBOX

Sample No: VPA052263

Oil Type: MERCURY SAE 90 HIGH PERFORMANCE GEAR LUBE

SAMPLE INFORMATION

Sample Number	VPA052263	---	---	---
Sample Date	19 Feb 2024	---	---	---
Machine Hours	259	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

Skipper Marine of Ohio, LLC

6801 E. Harbor Rd.

MARBLEHEAD, OH

US 43440

Contact: D LAKE

dlake@skipperbuds.com

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F:

OIL CONDITION

Visc @ 40°C	cSt	█ 166	---	---	---
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CONTAMINATION

Water	%	▲ 0.866	---	---	---
Silicon	ppm	█ <1	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition. The iron level is abnormal. All other component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 22	---	---	---
Iron	ppm	▲ 169	---	---	---
Copper	ppm	█ 17	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	39	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	9	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	8	---	---	---
Phosphorus	ppm	234	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	3	---	---	---

Depot: VP494046

Unique No: 10890143

Signed: Sean Felton

Report Date: 26 Feb 2024

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GRAPHS

