

OIL ANALYSIS REPORT

VOLVO PENTA

JOE ZATTAR 353283 MERCURY OM960480 - ZEUS - PORT GEARBOX

Sample No: VPA048447

Oil Type: MERCUISER HIGH PERFORMANCE GEAR LUBE 90W

SAMPLE INFORMATION

Sample Number	VPA048447	---	---	---
Sample Date	27 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 160	---	---	---
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CONTAMINATION

Water	%	■ 0.167	---	---	---
Silicon	ppm	■ 1	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 26	---	---	---
Iron	ppm	▲ 254	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	42	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	238	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	1	---	---	---

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T:
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Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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.

Depot: VP494046
Unique No: 10724359
Signed: Don Baldrige
Report Date: 03 Nov 2023

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GRAPHS

