

OIL ANALYSIS REPORT

VOLVO PENTA

JOE ZATTAR 353283 MERCUISER 20312619 - ZEUS/ZF - PORT TRANSMISSION

Sample No: VPA048448

Oil Type: MERCURY 0W30

SAMPLE INFORMATION

Sample Number	VPA048448	---	---	---
Sample Date	27 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 39.4	---	---	---
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CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 6	---	---	---

WEAR METALS

PQ		■ 102	---	---	---
Iron	ppm	■ 189	---	---	---
Copper	ppm	▲ 326	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	50	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2258	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	785	---	---	---
Phosphorus	ppm	729	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	218	---	---	---

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T:
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Diagnosis

The fluid 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. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VP494046
Unique No: 10724360
Signed: Don Baldrige
Report Date: 03 Nov 2023

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GRAPHS

