

OIL ANALYSIS REPORT

**VOLVO
PENTA**

ZF MARINE 255851 - PORT GEARBOX

Sample No: VPA047583

Oil Type: CHEVRON DELO 400 SAE 30

SAMPLE INFORMATION

Sample Number	VPA047583	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 95.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 23	---	---	---
Iron	ppm	■ 23	---	---	---
Copper	ppm	■ 38	---	---	---
Lead	ppm	● 184	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 138	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 2009	---	---	---
Magnesium	ppm	■ 45	---	---	---
Zinc	ppm	■ 794	---	---	---
Phosphorus	ppm	■ 760	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 142	---	---	---

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T:
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Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Clutch wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP601779
Unique No: 10982403
Signed: Jonathan Hester
Report Date: 22 Apr 2024

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GRAPHS

