

OIL ANALYSIS REPORT

VOLVO PENTA

CHRIS LEIER 502453 ZF 20370772 - INBOARD - GEARBOX

Sample No: VPA059059

Oil Type: CHEVRON DELO 400 SAE 30

SAMPLE INFORMATION

Sample Number	VPA059059	---	---	---
Sample Date	10 Oct 2023	---	---	---
Machine Hours	216	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 84.9	---	---	---
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CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

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		■ 34	---	---	---
Iron	ppm	■ 40	---	---	---
Copper	ppm	■ 119	---	---	---
Lead	ppm	■ 8	---	---	---
Tin	ppm	■ 6	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 26	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 3206	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	■ 1077	---	---	---
Phosphorus	ppm	■ 940	---	---	---
Barium	ppm	■ 3	---	---	---
Boron	ppm	■ 292	---	---	---

Depot: VP794951
Unique No: 10696440
Signed: Sean Felton
Report Date: 17 Oct 2023

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GRAPHS

