

OIL ANALYSIS REPORT

VOLVO PENTA

KEN THOMAS GREG ELLIS VOLVO PENTA 3940023777 - PORT IPS

Sample No: VPA058145

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058145	---	---	---
Sample Date	13 May 2024	---	---	---
Machine Hours	430	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 110	---	---	---
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CONTAMINATION

Water	%	▲ 1.03	---	---	---
Silicon	ppm	■ 25	---	---	---
Sodium	ppm	■ 58	---	---	---
Potassium	ppm	■ 1	---	---	---

WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	▲ 397	---	---	---
Copper	ppm	■ 34	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	9	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 0	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 9	---	---	---
Phosphorus	ppm	■ 1415	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 282	---	---	---

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T:
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Diagnosis

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The iron level is abnormal. All other component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP648685
Unique No: 11034505
Signed: Angela Borella
Report Date: 21 May 2024

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GRAPHS

