

OIL ANALYSIS REPORT

VOLVO PENTA

465197 ZF NOT GIVEN VPA056118 - INBOARD - PORT GEARBOX

Sample No: VPA056118

Oil Type: SAE 30W

SAMPLE INFORMATION

Sample Number	VPA056118	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	969	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 80.5	---	---	---
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CONTAMINATION

Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 16	---	---	---
Iron	ppm	■ 6	---	---	---
Copper	ppm	■ 20	---	---	---
Lead	ppm	▲ 101	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 23	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 1558	---	---	---
Magnesium	ppm	■ 565	---	---	---
Zinc	ppm	■ 898	---	---	---
Phosphorus	ppm	■ 807	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 98	---	---	---

Skipper Bud's

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T:
F:

Diagnosis

Resample at the next service interval to monitor. The lead level is abnormal. 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: VP211714
Unique No: 10574557
Signed: Angela Borella
Report Date: 28 Jul 2023

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GRAPHS

