

OIL ANALYSIS REPORT

VOLVO PENTA

THOMAS GILLINGHAM SAM VOLVO PENTA 3950008373 - PORT IPS

Sample No: VPA059088

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059088	---	---	---
Sample Date	10 Jan 2024	---	---	---
Machine Hours	352	---	---	---
Oil Hours	192	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 102	---	---	---
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CONTAMINATION

Water	%	■ 0.148	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 5	---	---	---

WEAR METALS

PQ		■ 15	---	---	---
Iron	ppm	■ 48	---	---	---
Copper	ppm	■ 8	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 8	---	---	---
Magnesium	ppm	■ 43	---	---	---
Zinc	ppm	■ 0	---	---	---
Phosphorus	ppm	■ 1333	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 301	---	---	---

Diagnosis

Oil and filter 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. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP794951
Unique No: 10836559
Signed: Sean Felton
Report Date: 22 Jan 2024

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GRAPHS

