

OIL ANALYSIS REPORT

VOLVO PENTA

RAFFY LORENTZIAN 205581 VOLVO PENTA A218649 - STERNDRIVE - PORT GEARBOX

Sample No: VPA062012

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA062012	VPA023708	---	---
Sample Date	10 May 2024	08 Oct 2021	---	---
Machine Hours	452	450	---	---
Oil Hours	0	15	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	SEVERE	---	---

OIL CONDITION

Visc @ 40°C	cSt	95.1	107	---	---
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CONTAMINATION

Water	%	0.440	2.65	---	---
Silicon	ppm	18	5	---	---
Sodium	ppm	19	207	---	---
Potassium	ppm	1	0	---	---

WEAR METALS

PQ		59	21	---	---
Iron	ppm	88	315	---	---
Copper	ppm	<1	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	7	6	---	---
Chromium	ppm	2	3	---	---
Molybdenum	ppm	136	0	---	---
Nickel	ppm	8	10	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	13	3	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	202	22	---	---
Magnesium	ppm	53	18	---	---
Zinc	ppm	235	33	---	---
Phosphorus	ppm	1608	893	---	---
Barium	ppm	4	0	---	---
Boron	ppm	513	188	---	---

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Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Appearance is hazy. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP152133
Unique No: 11029237
Signed: Jonathan Hester
Report Date: 17 May 2024

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GRAPHS

