

OIL ANALYSIS REPORT

VOLVO PENTA

FRANK 3711/GT50-01 VOLVO PENTA 3950003716 - PORT IPS

Sample No: VPA058798

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058798	VPA041387	---	---
Sample Date	03 May 2024	23 Jan 2023	---	---
Machine Hours	1531	1212	---	---
Oil Hours	0	200	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	106	104	---	---
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CONTAMINATION

Water	%	0.191	NEG	---	---
Silicon	ppm	6	8	---	---
Sodium	ppm	18	30	---	---
Potassium	ppm	<1	3	---	---

WEAR METALS

PQ		29	26	---	---
Iron	ppm	220	336	---	---
Copper	ppm	17	36	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	4	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	7	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	10	17	---	---
Magnesium	ppm	47	60	---	---
Zinc	ppm	104	282	---	---
Phosphorus	ppm	1401	1463	---	---
Barium	ppm	0	0	---	---
Boron	ppm	284	111	---	---

GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

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Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The iron level is abnormal. All other 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: VP531377

Unique No: 11023558

Signed: Sean Felton

Report Date: 15 May 2024

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GRAPHS

