

OIL ANALYSIS REPORT



PASCAL VOLVO PENTA 3194011749 - CENTER IPS

Sample No: VPA036301
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036301	VPA045532	---	---
Sample Date	05 Mar 2024	06 Mar 2023	---	---
Machine Hours	781	712	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 109	█ 106	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	10	---	---
Sodium	ppm	█ 2	█ <1	---	---
Potassium	ppm	█ 1	█ <1	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

WEAR METALS

PQ		█ 18	█ 17	---	---
Iron	ppm	█ 39	█ 35	---	---
Copper	ppm	2	3	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 5	█ 4	---	---
Magnesium	ppm	█ 5	43	---	---
Zinc	ppm	█ <1	█ 4	---	---
Phosphorus	ppm	█ 1236	█ 1320	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 301	█ 287	---	---

Depot: VP794951
Unique No: 10923476
Signed: Don Baldrige
Report Date: 13 Mar 2024

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**VOLVO
PENTA**

GRAPHS

