

OIL ANALYSIS REPORT



IAN PORTER SAM VOLVO PENTA 3194008294 - CENTER LEFT IPS

Sample No: VPA059135
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059135	VPA037118	---	---
Sample Date	09 Jan 2024	20 Jan 2022	---	---
Machine Hours	1006	0	---	---
Oil Hours	150	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	108	104	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	22	14	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	2	0	---	---

Diagnosis

Resample at the next service interval to monitor. All 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.

WEAR METALS

PQ		26	22	---	---
Iron	ppm	92	15	---	---
Copper	ppm	5	5	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	3	4	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	5	5	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	0	6	---	---
Phosphorus	ppm	1294	1282	---	---
Barium	ppm	0	0	---	---
Boron	ppm	300	330	---	---

Depot: VP794951
Unique No: 10836556
Signed: Sean Felton
Report Date: 22 Jan 2024

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**VOLVO
PENTA**

GRAPHS

