

OIL ANALYSIS REPORT

VOLVO PENTA

BILL SHIELDS SAM VOLVO PENTA 3200001407 - PORT IPS

Sample No: VPA053221
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053221	VPA035269	---	---
Sample Date	02 Apr 2024	04 Oct 2021	---	---
Machine Hours	345	239	---	---
Oil Hours	106	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	112	112	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	<1	1	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	0	1	---	---

Diagnosis

No corrective action is recommended at this time. 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		15	21	---	---
Iron	ppm	11	22	---	---
Copper	ppm	3	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	0	0	---	---
Magnesium	ppm	0	18	---	---
Zinc	ppm	0	0	---	---
Phosphorus	ppm	1450	1463	---	---
Barium	ppm	0	0	---	---
Boron	ppm	322	304	---	---

Depot: VP794951
Unique No: 10957170
Signed: Sean Felton
Report Date: 05 Apr 2024

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GRAPHS

