

OIL ANALYSIS REPORT

VOLVO PENTA

RICHARD TADLOCK AR VOLVO PENTA 3194010163 - PORT IPS

Sample No: VPA059635

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059635	VPA045527	---	---
Sample Date	07 Mar 2024	07 Mar 2023	---	---
Machine Hours	1214	1134	---	---
Oil Hours	0	50	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	110	109	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	7	11	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	<1	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		25	19	---	---
Iron	ppm	30	39	---	---
Copper	ppm	4	5	---	---
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	<1	0	---	---

ADDITIVES

Calcium	ppm	0	3	---	---
Magnesium	ppm	1	<1	---	---
Zinc	ppm	3	6	---	---
Phosphorus	ppm	1370	1326	---	---
Barium	ppm	0	0	---	---
Boron	ppm	328	279	---	---

Depot: VP794951
Unique No: 10926215
Signed: Don Baldrige
Report Date: 15 Mar 2024

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GRAPHS

