

OIL ANALYSIS REPORT

VOLVO PENTA

BRANNON 585994 VOLVO PENTA 3950005465 - PORT IPS

Sample No: VPA025258

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA025258	VPA020984	---	---
Sample Date	22 Apr 2024	30 Mar 2021	---	---
Machine Hours	434	89	---	---
Oil Hours	89	89	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	105	95.8	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	1	7	---	---
Sodium	ppm	2	6	---	---
Potassium	ppm	0	2	---	---

WEAR METALS

PQ		16	22	---	---
Iron	ppm	27	38	---	---
Copper	ppm	0	4	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	6	---	---
Vanadium	ppm	0	<1	---	---

ADDITIVES

Calcium	ppm	10	45	---	---
Magnesium	ppm	10	984	---	---
Zinc	ppm	3	2	---	---
Phosphorus	ppm	1488	1518	---	---
Barium	ppm	0	0	---	---
Boron	ppm	320	502	---	---

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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.

Depot: VP648685
Unique No: 10996142
Signed: Don Baldrige
Report Date: 29 Apr 2024

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GRAPHS

