

OIL ANALYSIS REPORT

VOLVO PENTA

GENE DORN GREG E. VOLVO PENTA 3200003534 - PORT IPS

Sample No: VPA057439

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA057439	VPA056273	---	---
Sample Date	26 Jun 2024	30 Jun 2023	---	---
Machine Hours	168	40	---	---
Oil Hours	127	40	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	103	104	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	4	---	---
Sodium	ppm	11	4	---	---
Potassium	ppm	4	7	---	---

WEAR METALS

PQ		18	16	---	---
Iron	ppm	300	24	---	---
Copper	ppm	16	7	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	13	<1	---	---
Chromium	ppm	2	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	3	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	8	4	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	8	23	---	---
Magnesium	ppm	6	874	---	---
Zinc	ppm	195	<1	---	---
Phosphorus	ppm	1452	1588	---	---
Barium	ppm	0	0	---	---
Boron	ppm	263	697	---	---

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T:
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Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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: 11111361
Signed: Don Baldrige
Report Date: 07 Jul 2024

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GRAPHS

