

OIL ANALYSIS REPORT



RICK MYERS DANIEL/502689 VOLVO PENTA 3940027778 - PORT IPS

Sample No: VPA059372
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059372	VPA045936	---	---
Sample Date	23 Jan 2024	01 May 2023	---	---
Machine Hours	987	954	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	106	106	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	18	---	---
Sodium	ppm	0	<1	---	---
Potassium	ppm	2	6	---	---

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		19	20	---	---
Iron	ppm	29	31	---	---
Copper	ppm	2	6	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	4	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	0	12	---	---
Magnesium	ppm	10	118	---	---
Zinc	ppm	2	5	---	---
Phosphorus	ppm	1469	1375	---	---
Barium	ppm	0	0	---	---
Boron	ppm	357	406	---	---

Depot: VP794951
Unique No: 10926210
Signed: Don Baldrige
Report Date: 15 Mar 2024

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GRAPHS

