

OIL ANALYSIS REPORT



DEPARTMENT OF ECOLOGY/502725 PATRICK VOLVO PENTA 3020304396 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA059617
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059617	---	---	---
Sample Date	27 Feb 2024	---	---	---
Machine Hours	1002	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 107	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

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		█ 15	---	---	---
Iron	ppm	█ 19	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 0	---	---	---
Magnesium	ppm	46	---	---	---
Zinc	ppm	█ 3	---	---	---
Phosphorus	ppm	█ 1344	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 381	---	---	---

Depot: VP794951
Unique No: 10911246
Signed: Sean Felton
Report Date: 06 Mar 2024

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VOLVO PENTA

GRAPHS

