

OIL ANALYSIS REPORT

VOLVO PENTA

TROY SCHELL 502718AR MERCURISER ZA582728 - STERNDRIVE - PORT GEARBOX

Sample No: VPA055333

Oil Type: MERCURY 90W

SAMPLE INFORMATION

Sample Number	VPA055333	---	---	---
Sample Date	20 Mar 2024	---	---	---
Machine Hours	183	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 157	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 4	---	---	---

Diagnosis

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.

WEAR METALS

PQ		█ 33	---	---	---
Iron	ppm	● 258	---	---	---
Copper	ppm	█ 58	---	---	---
Lead	ppm	█ 5	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	46	---	---	---
Nickel	ppm	█ 6	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	4	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	14	---	---	---
Phosphorus	ppm	344	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	<1	---	---	---

Depot: VP794951
Unique No: 10942294
Signed: Don Baldrige
Report Date: 27 Mar 2024

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GRAPHS

