

OIL ANALYSIS REPORT

**VOLVO
PENTA**

11125 ZF 20045662 - ZF TRANS - PORT GEARBOX

Sample No: VPA055424

Oil Type: SAE 30W

SAMPLE INFORMATION

Sample Number	VPA055424	---	---	---
Sample Date	01 Aug 2023	---	---	---
Machine Hours	840	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

BAY MARINE

3 E MADISON ST

WAUKEGAN, IL

US 60085

Contact: NANCY FELHOFER

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T:

F:

OIL CONDITION

Visc @ 40°C	cSt	■ 83.4	---	---	---
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CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 54	---	---	---
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		■ 27	---	---	---
Iron	ppm	■ 40	---	---	---
Copper	ppm	■ 98	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 489	---	---	---
Magnesium	ppm	■ 1033	---	---	---
Zinc	ppm	■ 1142	---	---	---
Phosphorus	ppm	■ 1012	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 5	---	---	---

Depot: VP1174336

Unique No: 10588282

Signed: Don Baldrige

Report Date: 07 Aug 2023

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GRAPHS

