

OIL ANALYSIS REPORT

VOLVO PENTA

MARK MILLER ZF 20409439 - INBOARD - PORT GEARBOX

Sample No: VPA039727

Oil Type: AMELIA 40

SAMPLE INFORMATION

Sample Number	VPA039727	---	---	---
Sample Date	12 Jul 2023	---	---	---
Machine Hours	51	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FDDA TAMPA

TAMPA, FL
US
Contact: KYLE SUTLEY
k.sutley@ssss.com
T: (813)918-8518
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 85.6	---	---	---
-------------	-----	--------	-----	-----	-----

CONTAMINATION

Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

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		■ 16	---	---	---
Iron	ppm	■ 14	---	---	---
Copper	ppm	■ 56	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 50	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 3627	---	---	---
Magnesium	ppm	■ 26	---	---	---
Zinc	ppm	■ 1171	---	---	---
Phosphorus	ppm	■ 1061	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 514	---	---	---

Depot: VP208641
Unique No: 10553531
Signed: Don Baldrige
Report Date: 17 Jul 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

