

OIL ANALYSIS REPORT

VOLVO PENTA

PAULA SPINA 6186 TWIN DISC 5061SC 5JE607 - INBOARD GEARBOX

Sample No: VPA045824

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA045824	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	4506	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---

Northwest Diesel Power

1325 ROEDER AVE SUITE 103

BELLINGHAM, WA

US 98225

Contact: BRANDON ROBERTSON

parts@nwdieselpower.com

T:

F:

OIL CONDITION

Visc @ 40°C	cSt	113.0	---	---	---
-------------	-----	-------	-----	-----	-----

CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Clutch wear is indicated. Wear rates are normal for OEM. 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		■ 21	---	---	---
Iron	ppm	■ 30	---	---	---
Copper	ppm	▲ 341	---	---	---
Lead	ppm	▲ 225	---	---	---
Tin	ppm	■ 4	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	15	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	2	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	2779	---	---	---
Magnesium	ppm	280	---	---	---
Zinc	ppm	1484	---	---	---
Phosphorus	ppm	1344	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	118	---	---	---

Depot: VP759009

Unique No: 10560495

Signed: Doug Bogart

Report Date: 14 Jul 2023

OIL ANALYSIS REPORT



GRAPHS

