

OIL ANALYSIS REPORT

VOLVO PENTA

JAMES WARD R814150G VOLVO PENTA 3950004077 - STARBOARD IPS

Sample No: VPA036908

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036908	---	---	---
Sample Date	15 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	20	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Power Products Systems LLC

90 Bay State Road

WAKEFIELD, MA

US 01880

Contact: ERIC JELLISON

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 110	---	---	---
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CONTAMINATION

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

WEAR METALS

PQ		■ 15	---	---	---
Iron	ppm	■ 16	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 5	---	---	---
Magnesium	ppm	■ 1	---	---	---
Zinc	ppm	■ 0	---	---	---
Phosphorus	ppm	■ 1382	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 328	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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.

Depot: VP153550

Unique No: 10749042

Signed: Doug Bogart

Report Date: 19 Nov 2023

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GRAPHS

