

OIL ANALYSIS REPORT

VOLVO PENTA

RICH LUCAS VOLVO PENTA 3940013373 - STARBOARD IPS

Sample No: VPA036262

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036262	---	---	---
Sample Date	03 May 2024	---	---	---
Machine Hours	1099	---	---	---
Oil Hours	2	---	---	---
Oil Changed	N/A	---	---	---
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	█ 108	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

PQ		█ 19	---	---	---
Iron	ppm	█ 14	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 7	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 7	---	---	---
Phosphorus	ppm	█ 1528	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 388	---	---	---

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.

Depot: VP153550

Unique No: 11021905

Signed: Sean Felton

Report Date: 14 May 2024

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GRAPHS

