

OIL ANALYSIS REPORT

VOLVO PENTA

LINGARD LINGARD VOLVO PENTA 3940021230 - STARBOARD IPS

Sample No: VPA056769
Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA056769	---	---	---
Sample Date	27 Mar 2024	---	---	---
Machine Hours	525	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 108	---	---	---
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CONTAMINATION

Water	%	▲ 2.01	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	█ 11	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

PQ		█ 15	---	---	---
Iron	ppm	█ 63	---	---	---
Copper	ppm	7	---	---	---
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	█ 6	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 18	---	---	---
Phosphorus	ppm	█ 1417	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 301	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP152567
Unique No: 10953153
Signed: Sean Felton
Report Date: 03 Apr 2024

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GRAPHS

