

OIL ANALYSIS REPORT

VOLVO PENTA

SLAGLE VOLVO PENTA 3940017327 - PORT IPS

Sample No: VPA055511

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055511	VPA056136	---	---
Sample Date	06 Sep 2023	08 May 2023	---	---
Machine Hours	1222	1050	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	SEVERE	---	---

W J Clark Inc
4517 Dunning Road
NORFOLK, VA
US 23518
Contact: WALTER CLARK
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T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 101	█ 103	---	---
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CONTAMINATION

Water	%	▲ 0.303	---	---	---
Silicon	ppm	█ 12	█ 16	---	---
Sodium	ppm	█ 17	█ 35	---	---
Potassium	ppm	█ 2	█ 6	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 31	█ 21	---	---
Iron	ppm	▲ 327	● 568	---	---
Copper	ppm	█ 14	█ 27	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	4	9	---	---
Chromium	ppm	█ 3	█ 5	---	---
Molybdenum	ppm	█ 0	█ 1	---	---
Nickel	ppm	█ 3	█ 6	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 3	█ 6	---	---
Vanadium	ppm	0	<1	---	---

ADDITIVES

Calcium	ppm	█ 6	█ 19	---	---
Magnesium	ppm	█ 5	█ 8	---	---
Zinc	ppm	█ 29	█ 62	---	---
Phosphorus	ppm	█ 1463	█ 1427	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 281	█ 255	---	---

Depot: VP151520
Unique No: 10641990
Signed: Jonathan Hester
Report Date: 13 Sep 2023

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GRAPHS

