

OIL ANALYSIS REPORT



VOLVO PENTA 3940027375 - PORT IPS

Sample No: VPA056842
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA056842	VPA047295	---	---
Sample Date	29 Aug 2023	02 May 2022	---	---
Machine Hours	2086	2040	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---

JOHNSTONS MARINE SERVICES
 1850 NW 15th AVENUE, SUITE 205
 POMPANO BEACH, FL
 US 33069
 Contact: NEIL JOHNSTON
 neil@1jms.com
 T: (984)448-0813
 F:

OIL CONDITION

Visc @ 40°C	cSt	108	107	---	---
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CONTAMINATION

Water	%	0.296	---	---	---
Silicon	ppm	14	5	---	---
Sodium	ppm	35	2	---	---
Potassium	ppm	5	1	---	---

WEAR METALS

PQ		11	23	---	---
Iron	ppm	185	7	---	---
Copper	ppm	26	4	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	9	2	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	2	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	6	1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	12	11	---	---
Magnesium	ppm	20	20	---	---
Zinc	ppm	80	4	---	---
Phosphorus	ppm	1333	1368	---	---
Barium	ppm	0	0	---	---
Boron	ppm	279	319	---	---

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. Resample at the next service interval to monitor. Gear wear is indicated. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VPJOHDEE
Unique No: 10629926
Signed: Doug Bogart
Report Date: 05 Sep 2023

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**VOLVO
PENTA**

GRAPHS

