

OIL ANALYSIS REPORT



RGMLF054 ES16 507768 VOLVO PENTA 3940017354 - PORT IPS

Sample No: VPA058659

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058659	VPA038869	VPA013412	---
Sample Date	29 Apr 2024	07 Jun 2021	11 Dec 2017	---
Machine Hours	409	0	130	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	N/A	---
Sample Status	ATTENTION	NORMAL	ATTENTION	---

Marine Maintenance Of
 7803 McElvey Rd
 PANAMA CITY BEACH, FL
 US 32408
 Contact: Jody Kennedy
 jody@marinemaint.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	109	110	102.0	---
-------------	-----	------------	-----	-------	-----

CONTAMINATION

Water	%	0.476	NEG	NEG	---
Silicon	ppm	13	5	27	---
Sodium	ppm	6	<1	2	---
Potassium	ppm	1	0	2	---

Diagnosis

We advise that you check for the source of water entry. 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 a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

WEAR METALS

PQ		16	21	19	---
Iron	ppm	68	11	36	---
Copper	ppm	9	1	12	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	2	1	2	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	<1	2	---
Vanadium	ppm	<1	0	0	---

ADDITIVES

Calcium	ppm	11	5	31	---
Magnesium	ppm	3	3	146	---
Zinc	ppm	33	3	8	---
Phosphorus	ppm	1482	1327	1291	---
Barium	ppm	0	0	0	---
Boron	ppm	369	369	281	---

Depot: VP313024
Unique No: 11021911
Signed: Don Baldrige
Report Date: 14 May 2024

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

