

OIL ANALYSIS REPORT



JOSEPH FUSCO JF VOLVO PENTA 3940017916 - PORT IPS

Sample No: VPA012769
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA012769	VPA012851	VPA012766	---
Sample Date	12 Apr 2024	30 Mar 2024	17 Apr 2023	---
Machine Hours	609	609	625	---
Oil Hours	109	109	120	---
Oil Changed	Not Changd	Not Changd	Changed	---
Sample Status	ABNORMAL	ABNORMAL	NORMAL	---

Lockwood Boat Works Inc
 1825 Highway 35, Morgan
 SOUTH AMBOY, NJ
 US 08879
 Contact: Ellen Lockwood
 ellen@lockwoodboatworks.com;maryann@lockwoodboatworks.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	105	105	107	---
-------------	-----	------------	-----	-----	-----

CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	12	12	13	---
Sodium	ppm	18	17	3	---
Potassium	ppm	2	<1	1	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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.

WEAR METALS

PQ		35	34	27	---
Iron	ppm	280	259	155	---
Copper	ppm	21	17	14	---
Lead	ppm	1	0	0	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	6	4	0	---
Chromium	ppm	3	2	2	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	4	2	1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	5	5	2	---
Vanadium	ppm	<1	0	0	---

ADDITIVES

Calcium	ppm	11	0	9	---
Magnesium	ppm	6	0	2	---
Zinc	ppm	21	3	14	---
Phosphorus	ppm	1449	1422	1297	---
Barium	ppm	1	0	0	---
Boron	ppm	283	283	311	---

Depot: VP153187
Unique No: 10979085
Signed: Sean Felton
Report Date: 17 Apr 2024

OIL ANALYSIS REPORT

GRAPHS

