

OIL ANALYSIS REPORT



MULLHERN 505700 VOLVO PENTA 3950003017 - PORT IPS

Sample No: VPA058450
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058450	VPA044269	VPA029992	VPA032322
Sample Date	19 Mar 2024	02 Mar 2023	10 Jan 2022	10 Mar 2021
Machine Hours	0	771	349	597
Oil Hours	0	64	100	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Jefferson Beach Yacht Sales Inc
 24400 Jefferson Ave.
 SAINT CLAIR SHORES, MI
 US 48080
 Contact: DENNIS BUTT
 dbutt@jbys.com
 T: (866)490-5297
 F:

OIL CONDITION

Visc @ 40°C	cSt	106	108	108	---
Visc @ 100°C	cSt	---	---	---	14.5

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	1	22	3
Sodium	ppm	<1	1	2	3
Potassium	ppm	0	<1	<1	<1

Diagnosis

Resample at the next service interval to monitor. All 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		13	13	16	---
Iron	ppm	14	9	17	21
Copper	ppm	<1	1	2	4
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	<1	3	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	2	3
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	9	10	7	15
Magnesium	ppm	7	8	30	149
Zinc	ppm	2	7	0	2
Phosphorus	ppm	1415	1308	1486	1459
Barium	ppm	0	0	0	0
Boron	ppm	302	298	347	347

Depot: VP297371
Unique No: 10940875
Signed: Don Baldrige
Report Date: 26 Mar 2024

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

