

OIL ANALYSIS REPORT



ANTHONY OLSEN 505733 VOLVO PENTA 3950003989 - STARBOARD IPS

Sample No: VPA062112

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA062112	VPA041040	VPA029948	VPA024000
Sample Date	20 Mar 2024	10 Nov 2022	26 Jan 2022	23 Feb 2021
Machine Hours	1158	983	732	521
Oil Hours	175	250	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: CORT CORINO
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 T: (773)641-6947
 F:

OIL CONDITION

Visc @ 40°C	cSt	107	110	109	103
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	<1	2	4
Sodium	ppm	<1	0	2	2
Potassium	ppm	<1	0	<1	0

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		15	10	27	24
Iron	ppm	17	36	33	39
Copper	ppm	2	3	33	6
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	0	<1	3	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	2
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	1	2
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	60	4	9	21
Magnesium	ppm	8	4	20	124
Zinc	ppm	16	0	0	6
Phosphorus	ppm	1439	1274	1433	1341
Barium	ppm	0	0	0	0
Boron	ppm	302	297	330	264

Depot: VP297371
Unique No: 10943791
Signed: Don Baldrige
Report Date: 29 Mar 2024

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**VOLVO
PENTA**

GRAPHS

