

OIL ANALYSIS REPORT



THOMAS MARTIN 506087 VOLVO PENTA 395003930 (S/N 3950003930) - STARBOARD IPS

Sample No: VPA062100
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA062100	VPA044440	VPA048944	VPA031924
Sample Date	03 Apr 2024	24 Mar 2023	10 Mar 2022	24 Feb 2021
Machine Hours	934	862	806	725
Oil Hours	72	60	75	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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 F:

OIL CONDITION

Visc @ 40°C	cSt	107	112	109	105
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	2	<1	1
Sodium	ppm	<1	1	<1	<1
Potassium	ppm	0	<1	0	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		13	8	19	19
Iron	ppm	11	9	13	18
Copper	ppm	1	<1	2	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	0	1	<1
Nickel	ppm	0	0	0	1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	10	5	31	5
Magnesium	ppm	1	2	11	3
Zinc	ppm	0	5	9	2
Phosphorus	ppm	1468	1287	1297	1288
Barium	ppm	0	0	0	0
Boron	ppm	314	319	278	279

Depot: VP297371
Unique No: 10966501
Signed: Don Baldrige
Report Date: 10 Apr 2024

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**VOLVO
PENTA**

GRAPHS

