

OIL ANALYSIS REPORT



DUNLAP 505801 VOLVO PENTA 3950005030 - PORT IPS

Sample No: VPA058477
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058477	VPA055239	VPA044444	VPA023854
Sample Date	13 Mar 2024	10 Aug 2023	17 Mar 2023	19 Feb 2021
Machine Hours	508	475	403	207
Oil Hours	508	70	200	0
Oil Changed	Changed	Not Changd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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	105	104	92.2
-------------	-----	------------	-----	-----	------

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	4	7
Sodium	ppm	<1	0	2	5
Potassium	ppm	<1	2	3	12

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	16	11	20
Iron	ppm	17	19	27	21
Copper	ppm	2	2	6	6
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	4	3
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	16	13	15	43
Magnesium	ppm	52	38	159	1040
Zinc	ppm	5	9	0	8
Phosphorus	ppm	1367	1391	1321	1663
Barium	ppm	0	2	0	0
Boron	ppm	303	369	350	558

Depot: VP297371
Unique No: 10940872
Signed: Don Baldrige
Report Date: 26 Mar 2024

OIL ANALYSIS REPORT



GRAPHS

