

OIL ANALYSIS REPORT

VOLVO PENTA

CRAIG MALY MATTHEW DOW VOLVO PENTA 3940017595 - STARBOARD IPS

Sample No: VPA055261
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055261	VPA055917	VPA035286	VPA033813
Sample Date	05 Apr 2024	14 Apr 2023	09 Mar 2022	18 Mar 2021
Machine Hours	282	260	243	221
Oil Hours	39	17	22	47
Oil Changed	Changed	Not Changd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Mobile Marine Services Inc
01032 Advance Rd South
EAST JORDAN, MI
US 49727
Contact: Duane Kujat
mobilemarine@twin-valley.net
T: Phone
F:

OIL CONDITION

Visc @ 40°C	cSt	107	107	105	104
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	11	6	0
Sodium	ppm	0	0	0	0
Potassium	ppm	1	2	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		15	15	19	19
Iron	ppm	33	28	24	40
Copper	ppm	3	1	2	3
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	0	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	10	17	2	4
Magnesium	ppm	2	2	<1	4
Zinc	ppm	7	10	<1	2
Phosphorus	ppm	1232	1429	1309	1443
Barium	ppm	0	0	0	0
Boron	ppm	371	382	361	355

Depot: VP443016
Unique No: 11046301
Signed: Don Baldrige
Report Date: 28 May 2024

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GRAPHS

