

OIL ANALYSIS REPORT



CRAIG MALY MATTHEW DOW VOLVO PENTA 3940017594 - PORT IPS

Sample No: VPA050872
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA050872	VPA055920	VPA035285	VPA033818
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	106	108	105

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	6	5	0
Sodium	ppm	0	0	<1	0
Potassium	ppm	1	<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	15	12	18
Iron	ppm	6	4	5	8
Copper	ppm	3	<1	1	3
Lead	ppm	<1	0	0	<1
Tin	ppm	1	0	<1	<1
Aluminum	ppm	2	0	<1	<1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	11	11	2	5
Magnesium	ppm	2	<1	0	11
Zinc	ppm	7	6	<1	2
Phosphorus	ppm	1242	1265	1314	1453
Barium	ppm	0	0	0	0
Boron	ppm	373	353	359	359

Depot: VP443016
Unique No: 11046293
Signed: Don Baldrige
Report Date: 28 May 2024

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VOLVO PENTA

GRAPHS

