

OIL ANALYSIS REPORT



STEFAN WANCZYK DUANE KUJAT VOLVO PENTA 3940024901 - PORT IPS

Sample No: VPA056509
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA056509	VPA042489	VPA047346	VPA033814
Sample Date	02 May 2024	07 Mar 2023	28 Mar 2022	30 Mar 2021
Machine Hours	229	209	180	153
Oil Hours	20	30	26	51
Oil Changed	Changed	Changed	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	104	107	104	104

CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	7	5	<1
Sodium	ppm	0	<1	0	0
Potassium	ppm	1	0	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		16	14	21	17
Iron	ppm	20	31	26	36
Copper	ppm	2	2	2	6
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	<1	<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	<1	0	0
Manganese	ppm	<1	<1	<1	4
Vanadium	ppm	<1	0	0	0

ADDITIVES

Calcium	ppm	4	12	2	10
Magnesium	ppm	5	1	5	63
Zinc	ppm	6	7	2	8
Phosphorus	ppm	1319	1266	1320	1349
Barium	ppm	0	0	0	0
Boron	ppm	395	294	358	340

Depot: VP443016
Unique No: 11046297
Signed: Don Baldrige
Report Date: 28 May 2024

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**VOLVO
PENTA**

GRAPHS

