

OIL ANALYSIS REPORT



ARLAND GIFFARD 505753 VOLVO PENTA 320004555 - STARBOARD IPS

Sample No: VPA052166
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA052166	VPA046994	---	---
Sample Date	29 Feb 2024	27 Jan 2023	---	---
Machine Hours	186	133	---	---
Oil Hours	53	133	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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 24400 Jefferson Ave.
 SAINT CLAIR SHORES, MI
 US 48080
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 T: (773)641-6947
 F:

OIL CONDITION

Visc @ 40°C	cSt	108	92.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	1	5	---	---
Sodium	ppm	1	4	---	---
Potassium	ppm	<1	9	---	---

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	13	---	---
Iron	ppm	9	42	---	---
Copper	ppm	6	13	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	<1	35	---	---
Magnesium	ppm	47	879	---	---
Zinc	ppm	0	8	---	---
Phosphorus	ppm	1440	1511	---	---
Barium	ppm	0	0	---	---
Boron	ppm	326	602	---	---

Depot: VP297371
Unique No: 10927427
Signed: Don Baldrige
Report Date: 18 Mar 2024

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**VOLVO
PENTA**

GRAPHS

