

OIL ANALYSIS REPORT



PAUL JOHNSON SRO0100089 VOLVO PENTA 3940020053 - STARBOARD IPS

Sample No: VPA053173
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053173	VPA033512	---	---
Sample Date	30 May 2024	30 Jul 2020	---	---
Machine Hours	0	219	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

Pacific Power Group - VP981534
 7215 S 228th St
 Kent, WA
 US 98032
 Contact: PAT RYAN
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OIL CONDITION

Visc @ 40°C	cSt	98.7	107	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	11	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	1	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		21	20	---	---
Iron	ppm	33	21	---	---
Copper	ppm	4	2	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	0	1	---	---
Magnesium	ppm	7	6	---	---
Zinc	ppm	5	1	---	---
Phosphorus	ppm	1497	1326	---	---
Barium	ppm	0	0	---	---
Boron	ppm	565	294	---	---

Depot: VP99031103
Unique No: 11072478
Signed: Don Baldrige
Report Date: 12 Jun 2024

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**VOLVO
PENTA**

GRAPHS

