

OIL ANALYSIS REPORT

VOLVO PENTA

DAVE HOLT PATRICK/502207-7250 VOLVO PENTA 3940020685 - STARBOARD IPS

Sample No: VPA062552

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA062552	VPA0449974	---	---
Sample Date	21 May 2024	07 Jul 2023	---	---
Machine Hours	467	418	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 107	105	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	9	---	---
Sodium	ppm	█ 0	█ 0	---	---
Potassium	ppm	█ 2	█ <1	---	---

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	█ 15	---	---
Iron	ppm	█ 13	█ 26	---	---
Copper	ppm	3	4	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 1	█ 8	---	---
Magnesium	ppm	26	█ 2	---	---
Zinc	ppm	█ 4	█ 5	---	---
Phosphorus	ppm	█ 1326	█ 1352	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 408	█ 336	---	---

Depot: VP794951
Unique No: 11046290
Signed: Don Baldrige
Report Date: 28 May 2024

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GRAPHS

