

OIL ANALYSIS REPORT

VOLVO PENTA

BILL SLEEPER DANIEL/502869 VOLVO PENTA 3102260801 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA059170

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059170	VPA050741	---	---
Sample Date	14 Mar 2024	20 Jun 2023	---	---
Machine Hours	1332	1309	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	106	97.7	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	<1	---	---
Sodium	ppm	2	11	---	---
Potassium	ppm	1	2	---	---

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		113	26	---	---
Iron	ppm	79	27	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	5	<1	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	4	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	<1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	8	14	---	---
Magnesium	ppm	2	3	---	---
Zinc	ppm	4	0	---	---
Phosphorus	ppm	1203	375	---	---
Barium	ppm	0	0	---	---
Boron	ppm	303	24	---	---

Depot: VP794951
Unique No: 10938144
Signed: Don Baldrige
Report Date: 22 Mar 2024

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GRAPHS

