

OIL ANALYSIS REPORT

**VOLVO
PENTA**

DANIEL LUCHTERHAND SAM VOLVO PENTA 3940026355 - STARBOARD IPS

Sample No: VPA055772

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055772	---	---	---
Sample Date	17 Jul 2023	---	---	---
Machine Hours	871	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 109	---	---	---
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CONTAMINATION

Silicon	ppm	14	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 3	---	---	---

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		█ 15	---	---	---
Iron	ppm	█ 64	---	---	---
Copper	ppm	7	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 3	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 6	---	---	---
Phosphorus	ppm	█ 1432	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 390	---	---	---

Depot: VP794951
Unique No: 10565972
Signed: Don Baldrige
Report Date: 25 Jul 2023

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GRAPHS

