

OIL ANALYSIS REPORT

VOLVO PENTA

SUSAN EIDE DILLON VOLVO PENTA 3940026444 - STARBOARD IPS

Sample No: VPA060415

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060415	VPA045526	---	---
Sample Date	20 Feb 2024	07 Mar 2023	---	---
Machine Hours	882	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 106	█ 107	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	4	---	---
Sodium	ppm	█ 3	█ 2	---	---
Potassium	ppm	█ 0	█ 3	---	---

Diagnosis

No corrective action is recommended at this time. 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		█ 20	█ 18	---	---
Iron	ppm	█ 39	█ 61	---	---
Copper	ppm	7	6	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 2	█ 2	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	█ 4	---	---
Vanadium	ppm	<1	<1	---	---

ADDITIVES

Calcium	ppm	█ 74	█ 11	---	---
Magnesium	ppm	█ 0	█ 5	---	---
Zinc	ppm	█ 15	█ 0	---	---
Phosphorus	ppm	█ 1246	█ 1216	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 279	█ 277	---	---

Depot: VP794951
Unique No: 10890138
Signed: Sean Felton
Report Date: 26 Feb 2024

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GRAPHS

