

OIL ANALYSIS REPORT

VOLVO PENTA

LEE HOWLEY 3754 VOLVO PENTA 32000005 14 - STARBOARD IPS

Sample No: VPA055384

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA055384	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

WESTERN BRANCH DIESEL

6881 BULLDOG DR N

CHARLESTON, SC

US 29406

Contact: MICHAEL JORDAN

mdjordan@wbdiesel.com

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F:

OIL CONDITION

Visc @ 40°C	cSt	█ 110	---	---	---
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CONTAMINATION

Silicon	ppm	<1	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <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		█ 24	---	---	---
Iron	ppm	█ 92	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 3	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 11	---	---	---
Phosphorus	ppm	█ 1332	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 300	---	---	---

Depot: VP1165983

Unique No: 10727722

Signed: Don Baldrige

Report Date: 07 Nov 2023

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GRAPHS

