

OIL ANALYSIS REPORT

VOLVO PENTA

DOUGLAS COE 3957 VOLVO PENTA 3200000489 - PORT IPS

Sample No: VPA053634

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053634	---	---	---
Sample Date	05 Jul 2024	---	---	---
Machine Hours	875	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

WESTERN BRANCH DIESEL

6881 BULLDOG DR N

CHARLESTON, SC

US 29406

Contact: CHRIS BRADSHAW

cbradshaw@wbdiesel.com

T:

F:

OIL CONDITION

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

Water	%	█ 0.148	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		█ 49	---	---	---
Iron	ppm	█ 148	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 9	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 10	---	---	---
Phosphorus	ppm	█ 1370	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 273	---	---	---

Depot: VP1165983

Unique No: 11116068

Signed: Don Baldrige

Report Date: 12 Jul 2024

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GRAPHS

