

OIL ANALYSIS REPORT

VOLVO PENTA

MAUREEN BATTERBERRY VOLVO PENTA 51220260194 - SAIL DRIVE - GEARBOX

Sample No: VPA061600
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMATION

Sample Number	VPA061600	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	509	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 66.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 14	---	---	---
Potassium	ppm	■ 4	---	---	---

WEAR METALS

PQ		■ 42	---	---	---
Iron	ppm	■ 120	---	---	---
Copper	ppm	▲ 194	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 9	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 65	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 1116	---	---	---
Magnesium	ppm	■ 1003	---	---	---
Zinc	ppm	■ 1307	---	---	---
Phosphorus	ppm	■ 1173	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 12	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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.

Depot: VP794951
Unique No: 11101975
Signed: Jonathan Hester
Report Date: 01 Jul 2024

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GRAPHS

