

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA VOLVO PENTA DPI - STERNDRIVE (S/N NOT GIVEN) - CENTER GEARBOX

Sample No: VPA051731

Oil Type: SCHAEFFER SCHAEFFER 293 MOLY 75W90

SAMPLE INFORMATION

Sample Number	VPA051731	VPA031146	---	---
Sample Date	30 Jul 2023	01 Aug 2022	---	---
Machine Hours	0	150	---	---
Oil Hours	100	150	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 241	█ 88.8	---	---
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CONTAMINATION

Silicon	ppm	█ 2	█ 1	---	---
Sodium	ppm	█ 10	█ <1	---	---
Potassium	ppm	█ 2	█ 0	---	---

WEAR METALS

PQ		█ 48	█ 25	---	---
Iron	ppm	█ 116	█ 70	---	---
Copper	ppm	█ <1	█ <1	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 3	█ 0	---	---
Chromium	ppm	█ 1	0	---	---
Molybdenum	ppm	<1	270	---	---
Nickel	ppm	█ 1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	<1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	<1	9	---	---
Magnesium	ppm	14	17	---	---
Zinc	ppm	<1	15	---	---
Phosphorus	ppm	1117	438	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	171	0	---	---

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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.

Depot: VP551029
Unique No: 10589798
Signed: Doug Bogart
Report Date: 08 Aug 2023

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GRAPHS

