

OIL ANALYSIS REPORT

VOLVO PENTA

STEVE HANSEN VOLVO HS80AE 22775496 - 51220270964 - CENTER GEARBOX

Sample No: VPA035149

Oil Type: CHEVRON AUTOMATIC TRANS FLUID MD-3

SAMPLE INFORMATION

Sample Number	VPA035149	VPA029316	VPA024213	---
Sample Date	25 May 2023	15 Apr 2020	02 Nov 2018	---
Machine Hours	781	408	238	---
Oil Hours	89	170	188	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 26.5	█ 29.7	25.23	---
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CONTAMINATION

Silicon	ppm	█ 1	█ 5	█ 6	---
Sodium	ppm	█ 1	█ 0	█ <1	---
Potassium	ppm	█ 2	█ 0	█ 10	---

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		█ 16	█ 22	█ 21	---
Iron	ppm	█ 7	█ 14	█ 17	---
Copper	ppm	█ 7	█ 23	█ 20	---
Lead	ppm	█ 10	█ 17	█ 39	---
Tin	ppm	█ <1	█ <1	█ 0	---
Aluminum	ppm	█ 1	█ 4	█ <1	---
Chromium	ppm	█ 0	█ <1	█ <1	---
Molybdenum	ppm	█ 3	█ 1	0	---
Nickel	ppm	█ <1	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	█ <1	█ <1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	█ 33	█ 51	15	---
Magnesium	ppm	█ 8	█ 16	<1	---
Zinc	ppm	█ 19	█ 21	9	---
Phosphorus	ppm	█ 158	█ 152	150	---
Barium	ppm	█ 0	█ 1	3	---
Boron	ppm	█ 59	█ 67	70	---

Depot: VP794951
Unique No: 10499733
Signed: Don Baldrige
Report Date: 07 Jun 2023

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GRAPHS

