

OIL ANALYSIS REPORT

VOLVO PENTA

GORDON FERGUSON VOLVO PENTA 3950007489 - PORT IPS

Sample No: VPA060082
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060082	VPA036021	---	---
Sample Date	14 Feb 2024	01 Nov 2021	---	---
Machine Hours	456	146	---	---
Oil Hours	200	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 102	█ 96.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	1	11	---	---
Sodium	ppm	█ 1	█ 5	---	---
Potassium	ppm	█ <1	█ 11	---	---

Diagnosis

No corrective action is recommended at this time. 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		█ 15	█ 25	---	---
Iron	ppm	█ 36	█ 40	---	---
Copper	ppm	3	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	0	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	6	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 11	53	---	---
Magnesium	ppm	█ 23	1081	---	---
Zinc	ppm	█ 8	9	---	---
Phosphorus	ppm	█ 1389	1584	---	---
Barium	ppm	█ 0	<1	---	---
Boron	ppm	█ 308	547	---	---

Depot: VP794951
Unique No: 10884874
Signed: Sean Felton
Report Date: 20 Feb 2024

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GRAPHS

