

OIL ANALYSIS REPORT



ANDREW ENTERPRISE LLC VOLVO PENTA 3194002068 - PORT IPS

Sample No: VPA058105
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058105	---	---	---
Sample Date	10 May 2024	---	---	---
Machine Hours	829	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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3 E MADISON ST
WAUKEGAN, IL
US 60085
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OIL CONDITION

Visc @ 40°C	cSt	█ 106	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

WEAR METALS

PQ		█ 16	---	---	---
Iron	ppm	█ 191	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	9	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 19	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 23	---	---	---
Phosphorus	ppm	█ 1366	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 279	---	---	---

Depot: VP1174336
Unique No: 11043283
Signed: Don Baldrige
Report Date: 23 May 2024

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GRAPHS

