

OIL ANALYSIS REPORT



SETH PIKE AR502819 VOLVO PENTA 3194001493 - STARBOARD IPS

Sample No: VPA060422
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060422	VPA013423	---	---
Sample Date	12 Mar 2024	11 Apr 2017	---	---
Machine Hours	879	0	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	ATTENTION	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 107	106.9	---	---
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CONTAMINATION

Water	%	NEG	● 0.688	---	---
Silicon	ppm	11	● 30	---	---
Sodium	ppm	█ 1	█ 5	---	---
Potassium	ppm	█ <1	█ <1	---	---

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		█ 18	█ 20	---	---
Iron	ppm	█ 122	● 197	---	---
Copper	ppm	█ 12	█ 15	---	---
Lead	ppm	0	█ 0	---	---
Tin	ppm	0	█ 0	---	---
Aluminum	ppm	7	█ 17	---	---
Chromium	ppm	█ <1	1	---	---
Molybdenum	ppm	█ 1	0	---	---
Nickel	ppm	█ <1	1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 1	5	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 39	12	---	---
Magnesium	ppm	█ 8	<1	---	---
Zinc	ppm	█ 59	39	---	---
Phosphorus	ppm	█ 1335	1312	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 287	248	---	---

Depot: VP794951
Unique No: 10928635
Signed: Sean Felton
Report Date: 19 Mar 2024

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GRAPHS

