

OIL ANALYSIS REPORT



533755 VOLVO PENTA 3200000514 - STARBOARD IPS

Sample No: VPA043276
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA043276	VPA037871	---	---
Sample Date	12 Dec 2023	21 Jan 2022	---	---
Machine Hours	807	499	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

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

Water	%	NEG	NEG	---	---
Silicon	ppm	<1	<1	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	1	<1	---	---

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		19	19	---	---
Iron	ppm	19	97	---	---
Copper	ppm	4	17	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	22	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	4	3	---	---
Magnesium	ppm	2	36	---	---
Zinc	ppm	<1	0	---	---
Phosphorus	ppm	1359	1348	---	---
Barium	ppm	8	0	---	---
Boron	ppm	337	310	---	---

Depot: VP426065
Unique No: 10794860
Signed: Angela Borella
Report Date: 21 Dec 2023

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GRAPHS

