

OIL ANALYSIS REPORT

VOLVO PENTA

ERIC FRANK CMS VOLVO PENTA 3950006001 - STARBOARD IPS

Sample No: VPA048424

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA048424	VPA046891	---	---
Sample Date	20 Sep 2023	07 Apr 2022	---	---
Machine Hours	1155	364	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	100	102	---	---
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CONTAMINATION

Silicon	ppm	2	2	---	---
Sodium	ppm	0	6	---	---
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		25	19	---	---
Iron	ppm	180	94	---	---
Copper	ppm	3	7	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	2	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	2	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	1	4	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	8	18	---	---
Magnesium	ppm	2	129	---	---
Zinc	ppm	6	6	---	---
Phosphorus	ppm	1315	1438	---	---
Barium	ppm	1	0	---	---
Boron	ppm	323	353	---	---

Depot: VPCYMPOM
Unique No: 10662015
Signed: Don Baldrige
Report Date: 27 Sep 2023

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GRAPHS

