

OIL ANALYSIS REPORT

VOLVO PENTA

SPECIALIST MARINE CMS VOLVO PENTA 3950006006 - CENTER - STARBOARD IPS

Sample No: VPA048423

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA048423	VPA046892	---	---
Sample Date	20 Sep 2023	07 Apr 2022	---	---
Machine Hours	1155	364	---	---
Oil Hours	266	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	ATTENTION	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	99.7	102	---	---
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CONTAMINATION

Silicon	ppm	2	2	---	---
Sodium	ppm	0	5	---	---
Potassium	ppm	<1	0	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other 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	27	---	---
Iron	ppm	204	38	---	---
Copper	ppm	3	7	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	2	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	8	10	---	---
Magnesium	ppm	2	97	---	---
Zinc	ppm	5	4	---	---
Phosphorus	ppm	1322	1421	---	---
Barium	ppm	1	0	---	---
Boron	ppm	324	337	---	---

Depot: VPCYMPOM
Unique No: 10662014
Signed: Don Baldrige
Report Date: 27 Sep 2023

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GRAPHS

