

OIL ANALYSIS REPORT

VOLVO PENTA

DOMINICK MAUZO CMS VOLVO PENTA 3200004812 - STARBOARD IPS

Sample No: VPA053489

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053489	---	---	---
Sample Date	06 May 2024	---	---	---
Machine Hours	162	---	---	---
Oil Hours	162	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 91.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	12	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 7	---	---	---

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		■ 18	---	---	---
Iron	ppm	■ 70	---	---	---
Copper	ppm	■ 19	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 36	---	---	---
Magnesium	ppm	915	---	---	---
Zinc	ppm	■ 8	---	---	---
Phosphorus	ppm	■ 1623	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 618	---	---	---

Depot: VPCYMPOM
Unique No: 11017745
Signed: Don Baldrige
Report Date: 09 May 2024

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GRAPHS

