

OIL ANALYSIS REPORT

VOLVO PENTA

CAGLAYAN ARKAN SAM TWIN DISC 5KX248 - INBOARD - PORT GEARBOX

Sample No: VPA036899
Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	VPA036899	---	---	---
Sample Date	22 Aug 2023	---	---	---
Machine Hours	1206	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 98.8	---	---	---
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CONTAMINATION

Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

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		■ 11	---	---	---
Iron	ppm	■ 3	---	---	---
Copper	ppm	■ 3	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 9	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 2881	---	---	---
Magnesium	ppm	■ 96	---	---	---
Zinc	ppm	■ 1246	---	---	---
Phosphorus	ppm	■ 1038	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 34	---	---	---

Depot: VP794951
Unique No: 10619179
Signed: Don Baldrige
Report Date: 26 Aug 2023

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GRAPHS

