

OIL ANALYSIS REPORT

VOLVO PENTA

CAGLAYAN ARKAN SAM TWIN DISC 5KW900 - INBOARD - STARBOARD GEARBOX

Sample No: VPA036900
Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	VPA036900	---	---	---
Sample Date	22 Aug 2023	---	---	---
Machine Hours	1188	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---

Endor Marine LLC - Coastal Marine - 152124
4300 11th Ave. NW
SEATTLE, WA
US 98107
Contact: WILLOW YANARELLA
service@coastalmarineengine.com
T: (206)784-3703
F: (206)784-8823

OIL CONDITION

Visc @ 40°C	cSt	99.6	---	---	---
-------------	-----	------	-----	-----	-----

CONTAMINATION

Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

PQ		█ 15	---	---	---
Iron	ppm	█ 13	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	▲ 10	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 9	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 3106	---	---	---
Magnesium	ppm	█ 21	---	---	---
Zinc	ppm	█ 1251	---	---	---
Phosphorus	ppm	█ 1052	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 74	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal. 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.

Depot: VP794951
Unique No: 10619178
Signed: Don Baldrige
Report Date: 26 Aug 2023

OIL ANALYSIS REPORT



GRAPHS

