

OIL ANALYSIS REPORT

VOLVO PENTA

RONALD SILVIA 505833 ZF 20053092 - INBOARD - STARBOARD GEARBOX

Sample No: VPA050616

Oil Type: CHEVRON DELO 400 SAE 30

SAMPLE INFORMATION

Sample Number	VPA050616	VPA041042	---	---
Sample Date	29 Nov 2023	16 Nov 2022	---	---
Machine Hours	2197	2034	---	---
Oil Hours	200	200	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Jefferson Beach Yacht Sales Inc

24400 Jefferson Ave.
SAINT CLAIR SHORES, MI
US 48080

Contact: DENNIS BUTT
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F:

OIL CONDITION

Visc @ 40°C	cSt	89.5	94.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	4	---	---
Sodium	ppm	1	0	---	---
Potassium	ppm	0	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		19	11	---	---
Iron	ppm	8	5	---	---
Copper	ppm	7	10	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	50	61	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	3406	2718	---	---
Magnesium	ppm	5	51	---	---
Zinc	ppm	1020	909	---	---
Phosphorus	ppm	888	875	---	---
Barium	ppm	0	0	---	---
Boron	ppm	438	196	---	---

Depot: VP297371

Unique No: 10780738

Signed: Jonathan Hester

Report Date: 14 Dec 2023

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GRAPHS

