

OIL ANALYSIS REPORT

VOLVO PENTA

A725119 - INBOARD GEARBOX

Sample No: VPA034686

Oil Type: CHEVRON ATF MD3

SAMPLE INFORMATION

Sample Number	VPA034686	VPA022750	VPA016716	---
Sample Date	13 Aug 2020	29 Aug 2019	08 Dec 2018	---
Machine Hours	404	305	199	---
Oil Hours	0	106	95	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

WERNER LEHNER

1305 MARINERS PL

ANACORTES, WA

US 98221

Contact: WERNER LEHNER

werner@lehnerusa.com

T: (310)454-7344

F:

OIL CONDITION

Visc @ 40°C	cSt	26.9	30.1	27.7	---
-------------	-----	------	------	------	-----

CONTAMINATION

Silicon	ppm	3	3	6	---
Sodium	ppm	<1	<1	1	---
Potassium	ppm	<1	0	1	---

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		24	19	24	---
Iron	ppm	16	11	18	---
Copper	ppm	6	5	9	---
Lead	ppm	1	5	25	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	<1	1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	30	4	26	---
Magnesium	ppm	4	2	0	---
Zinc	ppm	0	6	32	---
Phosphorus	ppm	147	144	193	---
Barium	ppm	<1	<1	0	---
Boron	ppm	81	58	65	---

Depot: VPWERANA

Unique No: 9140969

Signed: Jonathan Hester

Report Date: 21 Aug 2020

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

