

# OIL ANALYSIS REPORT

# VOLVO PENTA

## A725119 - INBOARD GEARBOX

Sample No: VPA022750

Oil Type: CHEVRON ATF MD3

### SAMPLE INFORMATION

Sample Number	VPA022750	VPA016716	---	---
Sample Date	29 Aug 2019	08 Dec 2018	---	---
Machine Hours	305	199	---	---
Oil Hours	106	95	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

### OIL CONDITION

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

### CONTAMINATION

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

### WEAR METALS

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

### ADDITIVES

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

### WERNER LEHNER

1305 MARINERS PL

ANACORTES, WA

US 98221

Contact: WERNER LEHNER

werner@lehnerusa.com

T: (310)454-7344

F:

### 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.

Depot: VPWERANA

Unique No: 8733619

Signed: Don Baldrige

Report Date: 09 Sep 2019

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## GRAPHS

