

OIL ANALYSIS REPORT

**VOLVO
PENTA**

A725119 - INBOARD GEARBOX

Sample No: VPA016716

Oil Type: CHEVRON ATF MD-3

SAMPLE INFORMATION

Sample Number	VPA016716	---	---	---
Sample Date	08 Dec 2018	---	---	---
Machine Hours	199	---	---	---
Oil Hours	95	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	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	27.7	---	---	---
-------------	-----	------	-----	-----	-----

CONTAMINATION

Silicon	ppm	6	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	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	---	---	---
Iron	ppm	18	---	---	---
Copper	ppm	9	---	---	---
Lead	ppm	25	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	26	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	32	---	---	---
Phosphorus	ppm	193	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	65	---	---	---

Depot: VPWERANA

Unique No: 8432391

Signed: Don Baldrige

Report Date: 18 Dec 2018

OIL ANALYSIS REPORT

GRAPHS

