### **OIL ANALYSIS REPORT**

#### JOE GATTI ALAN VOLVO PENTA A 1090003 - PORT DIESEL ENGINE

Sample No: VPA041131

**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

ample Number		VPA041131	VPA026834	 
ample Date		17 Nov 2023	09 Nov 2022	 
achine Hours		142	142	 
il Hours		51	0	 
il Changed		Changed	Changed	 
ample Status		NORMAL	NORMAL	 
OIL CONDITION				
sc @ 100°C	cSt	13.7	13.3	 
ase Number (BN)	mg KOH/g	9.4	11.5	 
xidation (PA)	%	67	60	 
ONTAMINATION				
ater	%	NEG	NEG	 
oot %	%	■0.1	0.1	 
itration (PA)	%	54	47	 
ulfation (PA)	%	55	56	 
ycol	%	NEG	NEG	 
el	%	<1.0	< 1.0	 
icon	ppm	6	7	 
odium	ppm	3	1	 
tassium	ppm	<b></b> <1	2	 
VEAR METALS				
on	ppm	6	9	 
pper	ppm	<b>4</b>	7	 
ad	ppm	2	4	 
	ppm	<b>□</b> <1	□ <1	 
minum	ppm	<b>4</b>	7	 
romium	ppm	<b>■</b> <1	<1	 
olybdenum	ppm	<b>44</b>	60	 
ckel	ppm	<b>■</b> <1	2	 
tanium	ppm	<b>  </b> <1	0	 
ver	ppm	0	0	 
anganese	ppm	<b>□</b> <1	<b></b> <1	 
nadium	ppm	<1	0	 
ADDITIVES				
alcium	ppm	1131	1104	 
agnesium	ppm	828	913	 
IC	ppm	945	1239	 
osphorus	ppm	782	1041	 
rium	ppm	0	0	 
ron	ppm	<b>4</b> 3	4	 

#### Precision Marine Center Llc

290 Drake Ave NEW ROCHELLE, NY US 10805 Contact: Marc Castellano marc@precisionmarinecenter.com Γ: ÷

### 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Report Date: 23 Nov 2023 Contact/Location: Marc Castellano - VP850387

VP850387

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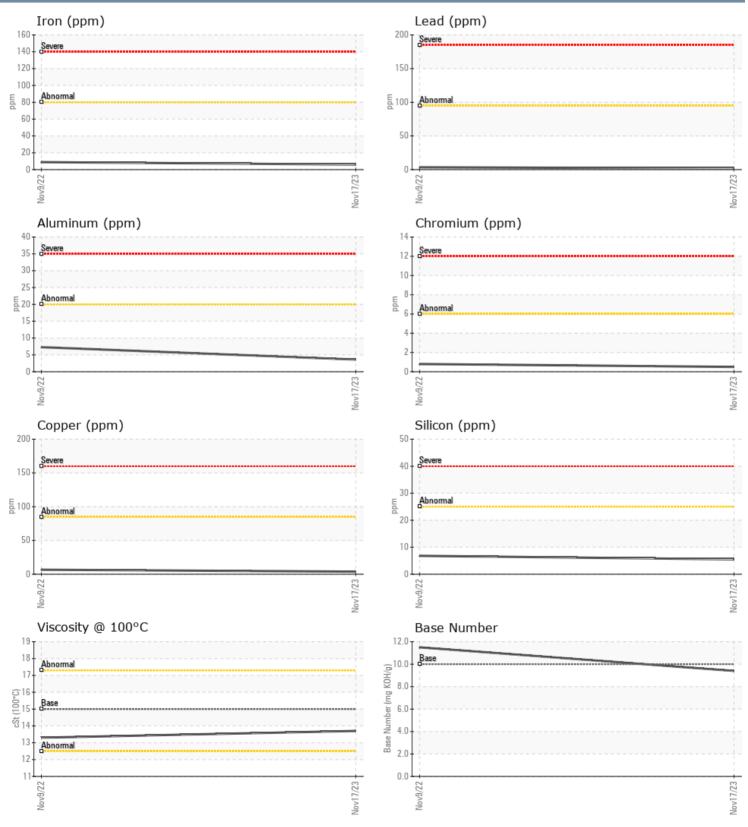
Don Baldridge

# OLVO ENTA

## **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP850387 [WUSCAR] 06013815 (Generated: 11/30/2023 10:39:34) Rev: 1

Contact/Location: Marc Castellano - VP850387