## **OIL ANALYSIS REPORT**

## VOLVO PENTA 2006007762 - PORT DIESEL ENGINE

Sample No: VPA044317

VOLVO VDS-4.5 Premium Motor Oil 15W40 **Oil Type:** 

SAMPLE INFORMAT	FION			
Sample Number		VPA044317	 	
Sample Date		13 Oct 2023	 	 BANANABELT BOATS
Machine Hours		2679	 	 2919 V AVE
Oil Hours		101	 	 ANACORTES, WA
Oil Changed		Changed	 	 US 98221
Sample Status		ABNORMAL	 	 Contact: RUDY
OIL CONDITION				rudy@bananabeltboats.com T: (360)588-9208
				F:
Visc @ 100°C	cSt	<b>13.4</b>	 	
Base Number (BN)	mg KOH/g	8.9	 	 Diagnosis
Oxidation (PA)	%	55	 	 -
CONTAMINATION				We advise that you check for the source of the coolant leak. Check for
Soot %	%	0.3	 	 low coolant level. The oil change at the time of sampling has been not
Nitration (PA)	%	52	 	 We recommend an early resample
Sulfation (PA)	%	55	 	 monitor this condition.Piston and
Glycol	%	NEG	 	 cylinder wear is indicated. Sodium
Fuel	%	<1.0	 	 and/or potassium levels are high. T
Silicon	ppm	5	 	 BN result indicates that there is
Sodium	ppm	▲ 1723	 	 suitable alkalinity remaining in the
Potassium	ppm	<u> </u>	 	
WEAR METALS	ppm	<b>4</b> 90	 	
Copper	ppm	<b>12</b>	 	
Lead	ppm	4	 	
Tin	ppm	<b>1</b>	 	
Aluminum	ppm	<mark>▲</mark> 32	 	
Chromium	ppm	3	 	
Volybdenum	ppm	<b>5</b> 2	 	
Nickel	ppm	<b>■</b> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<b></b> <1	 	
Vanadium	ppm	0	 	
vanaulum				
ADDITIVES				
	ppm	987	 	 _
ADDITIVES Calcium	ppm ppm	987 1057	 	
ADDITIVES Calcium Magnesium				
ADDITIVES Calcium Magnesium Zinc	ppm	<b>1057</b>	 	
ADDITIVES	ppm ppm	1057 1095	 	

ot: VPBANANA Unique No: 10714096 Signed: Jonathan Hester Report Date: 01 Nov 2023

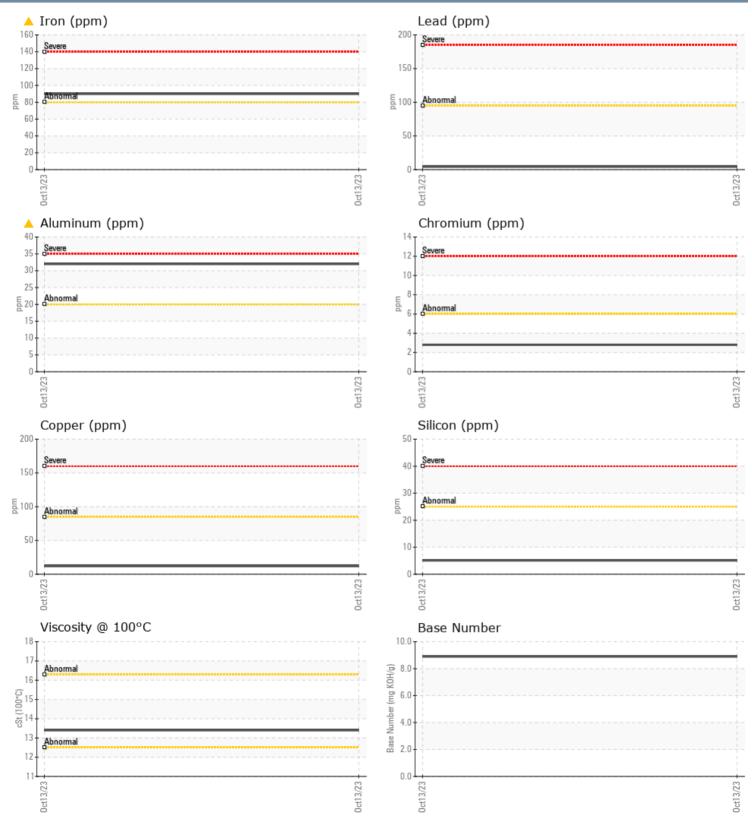
Contact/Location: RUDY ? - VPBANANA



## **OIL ANALYSIS REPORT**



## GRAPHS



Report Id: VPBANANA [WUSCAR] 05991434 (Generated: 11/01/2023 11:49:42) Rev: 1

Contact/Location: RUDY ? - VPBANANA