## **OIL ANALYSIS REPORT**

#### B&D RECYCLINE R20603783 VOLVO PENTA 70005366631 - INDUSTRIAL ENGINE-VARIABLE SPEED - DIESEL ENGINE

Sample No: VPA055348

Oil Type: NOT GIVEN

#### SAMPLE INFORMATION

Sample Number		VPA055348	 	
Sample Date		22 Dec 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		MARGINAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.7	 	
Base Number (BN)	mg KOH/g	8.6	 	
Oxidation (PA)	%	61	 	
. ,	,,,	••		
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	57	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<u> </u>	 	
Sodium	ppm	32	 	
Potassium	ppm	<b>12</b>	 	
WEAR METALS				
Iron	ppm	<b>1</b> 3	 	
Copper	ppm	9	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	<b>4</b>	 	
Chromium	ppm	<b></b> <1	 	
Molybdenum	ppm	47	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	<b>1</b>	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1487	 	
Magnesium	ppm	637	 	
Zinc	ppm	1192	 	
Phosphorus	ppm	919	 	

#### WESTERN BRANCH DIESEL

6881 BULLDOG DR N CHARLESTON, SC US 29406 Contact: MICHAEL JORDAN mdjordan@wbdiesel.com T: r.

#### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. No other contaminants were detected in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VP1165983

 Unique No:
 10806566

 Signed:
 Doug Bogart

 Report Date:
 28 Dec 2023

ppm

ppm

0 🔲

35

Barium

Boron

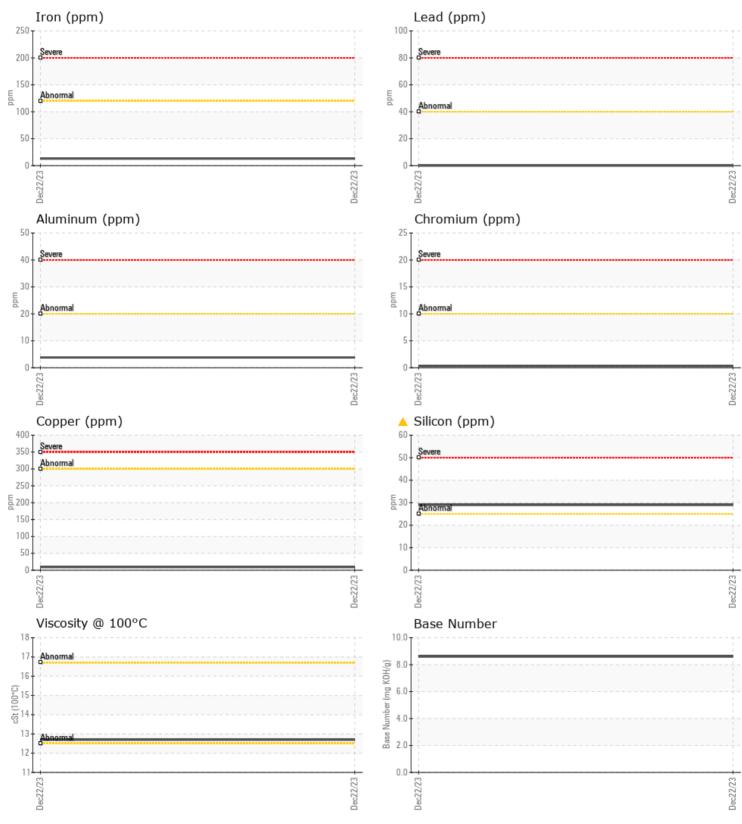
Contact/Location: MICHAEL JORDAN - VP1165983

### VOLVO PENTA

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP1165983 [WUSCAR] 06045958 (Generated: 12/28/2023 12:15:27) Rev: 1

Contact/Location: MICHAEL JORDAN - VP1165983