## **OIL ANALYSIS REPORT**

## **VOLVO PENTA**

## DAVE DAVENPORT 6748 WESTERBEKE 5.0 BCD 12658-D003 - GENSET

Sample No: VPA052970

Oil Type: {unknown}

### SAMPLE INFORMATION

Sample Number		VPA052970	 	
Sample Date		28 Jun 2024	 	
Machine Hours		948	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.9	 	
Base Number (BN)	mg KOH/g	9.5	 	
Oxidation (PA)	%	61	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.7	 	
Nitration (PA)	%	54	 	
Sulfation (PA)	%	63	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	8	 	
Sodium	ppm	2	 	
Potassium	ppm	2	 	
WEAR METALS				
WEAK METALS				
Iron	ppm	23	 	
Copper	ppm	∎1	 	
Lead	ppm	<b>□</b> <1	 	
Tin	ppm	<b>□</b> <1	 	
Aluminum	ppm	5	 	
Chromium	ppm	5	 	
Molybdenum	ppm	113	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	<1	 	
Silver	ppm	□ <1	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	
ADDITIVES				

Calcium	ppm	1502	 	
Magnesium	ppm	679	 	
Zinc	ppm	831	 	
Phosphorus	ppm	689	 	
Barium	ppm	<1	 	
Boron	ppm	330	 	

#### **Northwest Diesel Power**

1325 ROEDER AVE SUITE 103 BELLINGHAM, WA US 98225 Contact: BRANDON ROBERTSON parts@nwdieselpower.com T: 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VP759009

 Unique No:
 11109447

 Signed:
 Jonathan H

 Report Date:
 05 Jul 2020

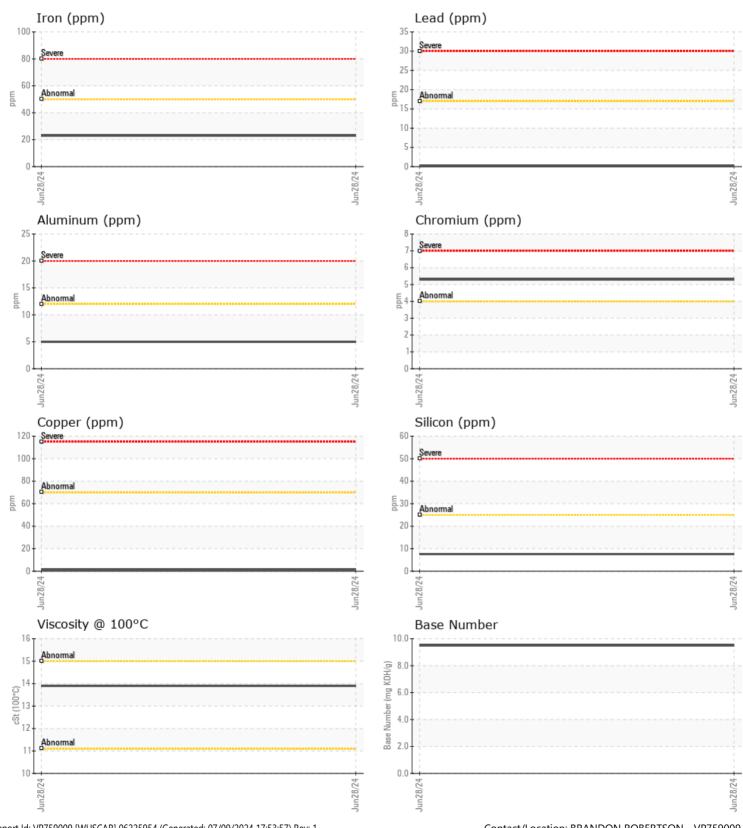
11109447 Jonathan Hester 05 Jul 2024

Contact/Location: BRANDON ROBERTSON - VP759009

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#### GRAPHS



Contact/Location: BRANDON ROBERTSON - VP759009