OIL ANALYSIS REPORT

VOLVO PENTA

GARY MERNELSTREN 6506 WESTERBEKE 7.6EGTD 2533765D - GENSET

Sample No: VPA060169

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number		VPA060169		
Sample Date		11 Jan 2024		
Machine Hours		40		
Oil Hours		0		
Oil Changed		Not Changd		
Sample Status		NORMAL		
			_	
OIL CONDITION				
Visc @ 100°C	cSt	13.7		
Base Number (BN)	mg KOH/g	8.0		
Oxidation (PA)	%	58		
CONTAMINATION				
Water	%	NEG		
Soot %	%	0.1		
Nitration (PA)	%	49		
Sulfation (PA)	%	50		
Glycol	%	NEG		
Fuel	%	<1.0		
Silicon	ppm	■ 30		
Sodium	ppm	7		
Potassium	ppm	7		
	le le			
WEAR METALS				
Iron	ppm	32		
Copper	ppm	9		
Lead	ppm	□ <1		
Tin	ppm	■ <1		
Aluminum	ppm	9		
Chromium	ppm	■ <1		
Molybdenum	ppm	3		
Nickel	ppm	0		
Titanium	ppm	<1		
Silver	ppm	0		
Manganese	ppm	2		
Vanadium	ppm	<1		
ADDITIVES				
Calcium	ppm	1999		
Magnesium	ppm	74		

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 acceptable for the time in service.

 Depot:
 VP

 Unique No:
 108

 Signed:
 Do

 Report Date:
 18

VP759009 10833210 Don Baldridge 18 Jan 2024

1169

948

160

4

ppm

ppm

ppm

ppm

Zinc

Barium

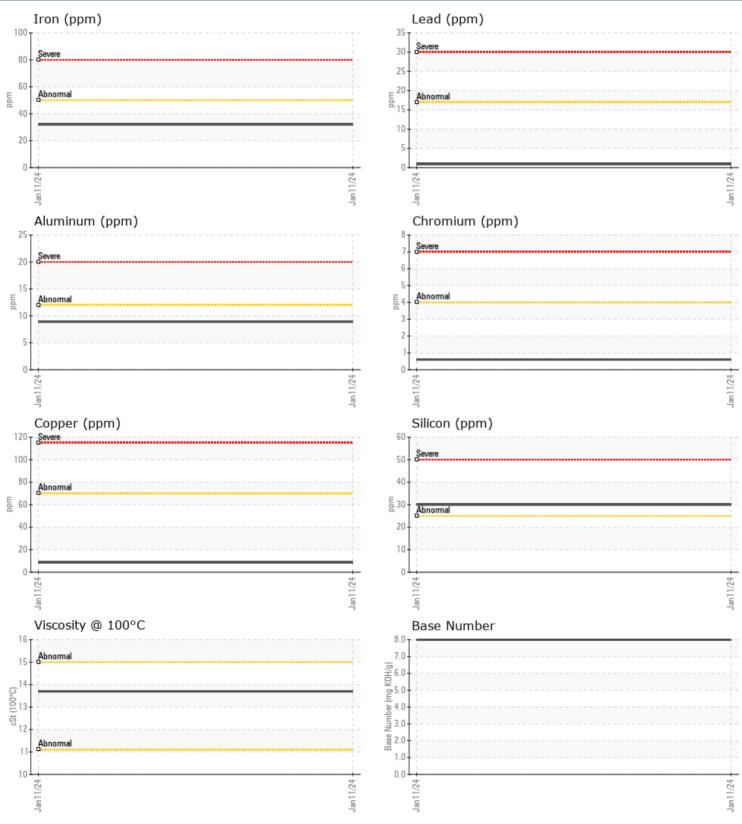
Boron

Phosphorus

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP759009 [WUSCAR] 06061828 (Generated: 01/22/2024 13:04:26) Rev: 1

Contact/Location: BRANDON ROBERTSON - VP759009