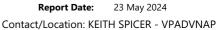
## **OIL ANALYSIS REPORT**

#### 199345LI - GENSET

Sample No: VPA057213

Oil Type: DIESEL ENGINE OIL SAE 15W40

Sample Number		VPA057213	 	
Sample Date		21 May 2024	 	
Machine Hours		488	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	<b>13.5</b>	 	
Base Number (BN)	mg KOH/g	9.5	 	
Oxidation (PA)	%	57	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	45	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<1.0 ■6	 	
Sodium	ppm	2	 	
Potassium	ppm	3	 	
	le le	-		
WEAR METALS				
Iron	ppm	3	 	
Copper	ppm	■<1	 	
Lead	ppm	■<1	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	<b>48</b>	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1221	 	
Magnesium	ppm	802	 	
Zinc	ppm	1233	 	
Phosphorus	ppm	<b>1042</b>	 	
Barium	ppm	0	 	
Boron	ppm	35	 	



VPADVNAP

Sean Felton

11043991

Depot:

Signed:

Unique No:

### VOLVO PENTA

ADVANCED DIESEL 1029 INDUSTRIAL BLVD, UNIT 2

NAPLES, FL US 34104 Contact: KEITH SPICER keith\_advanceddiesel@yahoo.com T: (239)580-8731 F:

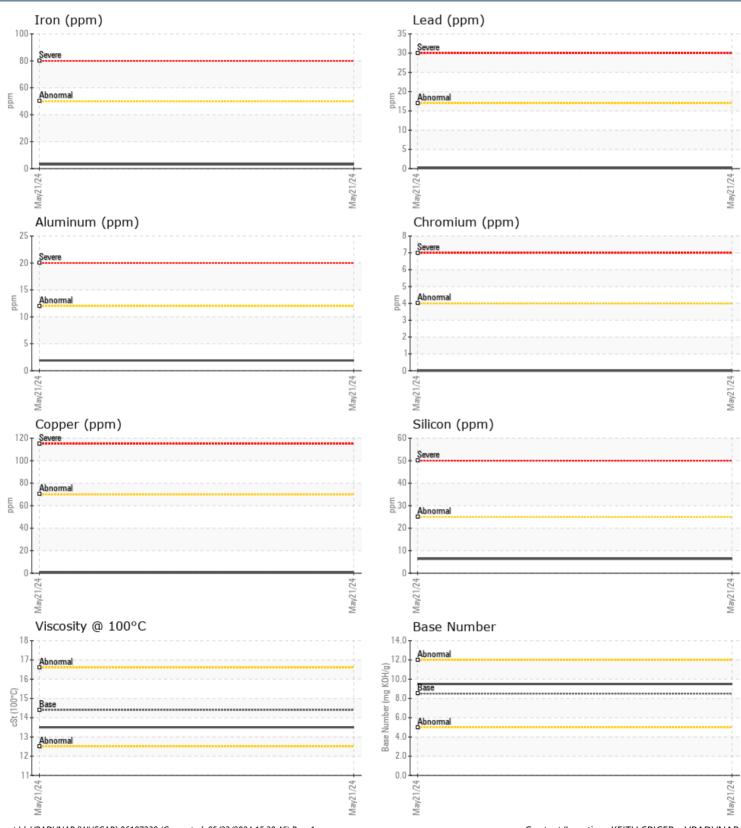
#### Diagnosis

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.

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VPADVNAP [WUSCAR] 06187239 (Generated: 05/23/2024 15:38:46) Rev: 1

Contact/Location: KEITH SPICER - VPADVNAP