## **OIL ANALYSIS REPORT**



## 47737 CUMMINS E1900571802 - GENSET

Sample No: VPA060644

Oil Type: DIESEL ENGINE OIL SAE 40

Sample Number		VPA060644	 	
Sample Date		20 Jun 2024	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	<b>13.0</b>	 	
Base Number (BN)	mg KOH/g	9.3	 	
Oxidation (PA)	%	84	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	72	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>10</b>	 	
Sodium	ppm	<b>4</b>	 	
Potassium	ppm	4	 	
WEAR METALS				
Iron	ppm	<b>1</b> 4	 	
Copper	ppm	<b>4</b>	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	3	 	
Chromium	ppm	<b>  </b> <1	 	
Molybdenum	ppm	34	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<b>0</b>	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	<b>1965</b>	 	
Magnesium	ppm	<b>444</b>	 	
Zinc	ppm	<b>1112</b>	 	
Phosphorus	ppm	836	 	
Barium	ppm	0	 	
Boron	ppm	50	 	

#### **ONE WATER YACHT**

3201 W STATE RD 84 FR LAUDERDALE, FL US 33312 Contact: ANTHONY VIGLIOTTI avigliotti@owyg.com T: (954)292-4857 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.

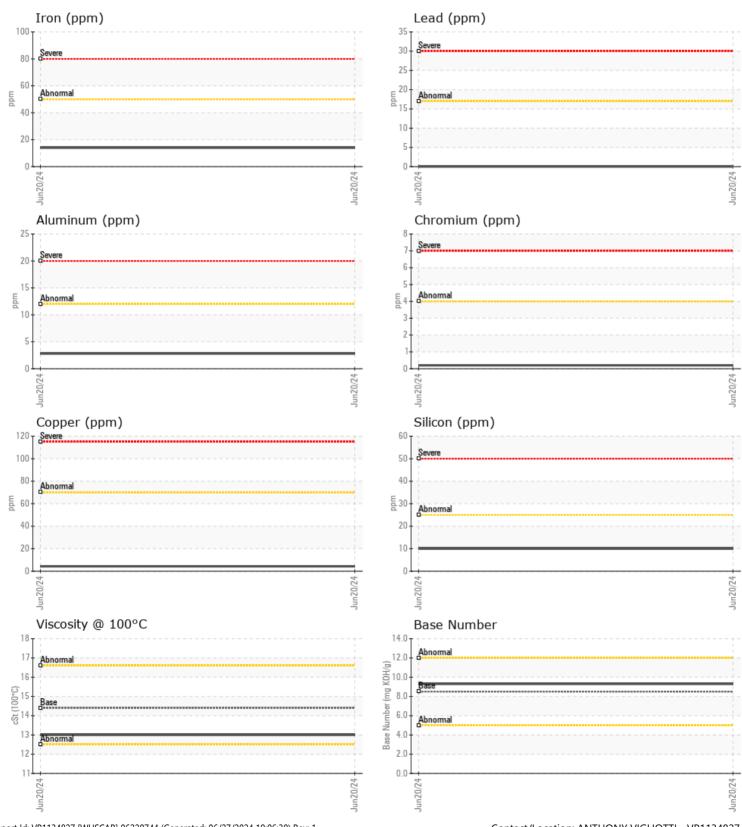
Depot: Unique No: Signed: Report Date: VP1134827

Contact/Location: ANTHONY VIGLIOTTI - VP1134827

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#### GRAPHS



Contact/Location: ANTHONY VIGLIOTTI - VP1134827