## **OIL ANALYSIS REPORT**

### RODNEY GOODMAN 43585 CUMMINS/ONAN J180432131 - GENSET

Sample No: VPA056898

Oil Type: SHELL ROTELLA T4 15W40

#### SAMPLE INFORMATION

Sample Number		VPA056898	 	
Sample Date		11 Sep 2023	 	
Machine Hours		587	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.0	 	
Base Number (BN)	mg KOH/g	8.5	 	
Oxidation (PA)	%	59	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	48	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>4</b>	 	
Sodium	ppm	2	 	
Potassium	ppm	8	 	
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#### WEAR METALS

Iron	ppm	2	 	
Copper	ppm	<b>1</b>	 	
Lead	ppm	■ <1	 	
Tin	ppm		 	
Aluminum	ppm	<b>1</b>	 	
Chromium	ppm	0	 	
Molybdenum	ppm	9	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	□ <1	 	
Vanadium	ppm	<1	 	

#### ADDITIVES

Calcium	ppm	2149	 	
Magnesium	ppm	<b>161</b>	 	
Zinc	ppm	<b>1266</b>	 	
Phosphorus	ppm	<b>1031</b>	 	
Barium	ppm	0	 	
Boron	ppm	<b>185</b>	 	

#### COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD CHARLESTON, SC US 29403 Contact: STEVE VASAS steve@ccyachtsales.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:
 VP568144

 Unique No:
 10649616

 Signed:
 Sean Felton

 Report Date:
 20 Sep 2023

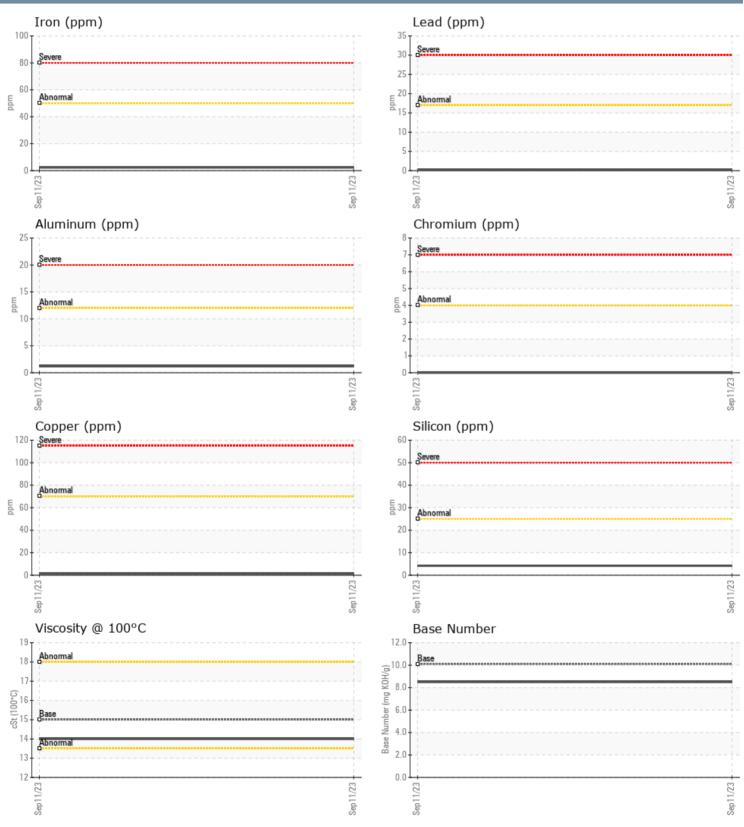
Contact/Location: STEVE VASAS - VP568144



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP568144 [WUSCAR] 05953657 (Generated: 09/21/2023 08:29:16) Rev: 1

Contact/Location: STEVE VASAS - VP568144