OIL ANALYSIS REPORT

WAVE DANCER 11087 NORTHERN LIGHTS 8432-52204 - GENSET

Sample No: VPA059664

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION

Sample Number		VPA059664	 	
Sample Date		11 Oct 2023	 	
Machine Hours		1938	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.2	 	
Base Number (BN)	mg KOH/g	8.2	 	
Oxidation (PA)	%	65	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	59	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	2	 	
Potassium	ppm	8	 	

WEAR METALS

Iron	ppm	10	 	
Copper	ppm	2	 	
Lead	ppm	1	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	1	 	
Molybdenum	ppm	6	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1961	 	
Magnesium	ppm	70	 	
Zinc	ppm	1092	 	
Phosphorus	ppm	926	 	
Barium	ppm	2	 	
Boron	ppm	148	 	

Hinckley Yacht Services

1 Little Harbor Lndg PORTSMOUTH, RI US 02871-6115 Contact: Christopher Manghan cmanghan@hinckleyyachts.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:
 VP155302

 Unique No:
 10688769

 Signed:
 Sean Felton

 Report Date:
 13 Oct 2023

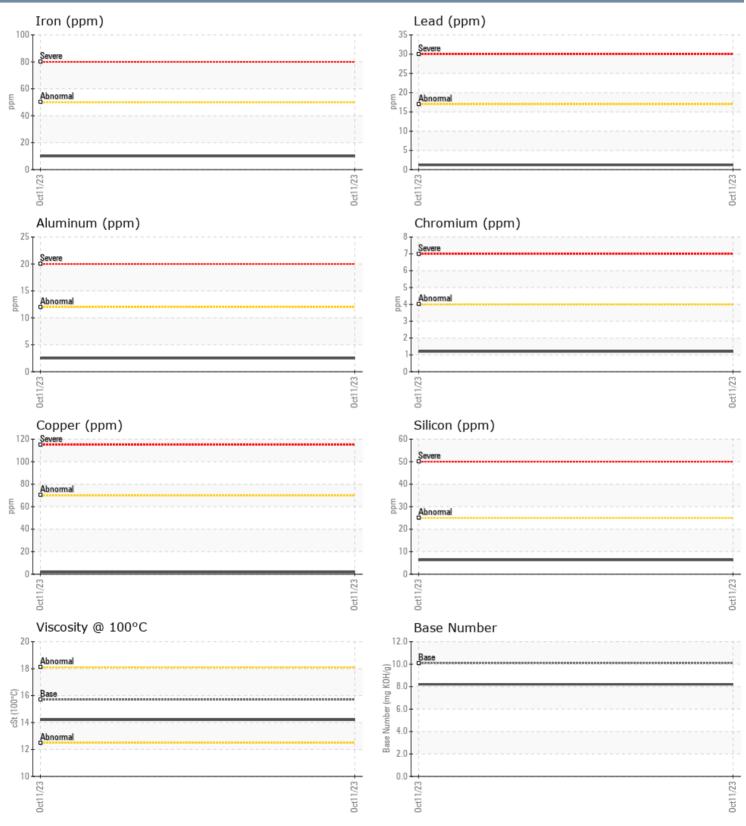
Contact/Location: Christopher Manghan - VP155302



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP155302 [WUSCAR] 05976819 (Generated: 10/16/2023 08:31:35) Rev: 1

Contact/Location: Christopher Manghan - VP155302