## **OIL ANALYSIS REPORT**

### SAMBA 152445 - DIESEL ENGINE

Sample No: VPA056900

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMAT	TION			
Sample Number		VPA056900	 	
Sample Date		03 Nov 2023	 	
Machine Hours		769	 	
Oil Hours		233	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	<b>13.8</b>	 	
Base Number (BN)	mg KOH/g	6.6	 	
Oxidation (PA)	%	81	 	
CONTAMINATION				
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.5	 	
Nitration (PA)	%	90	 	
Sulfation (PA)	%	65	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	■4	 	
Sodium	ppm	3	 	
Potassium	ppm	7	 	
WEAR METALS				
Iron	ppm	23	 	
Copper	ppm	163	 	
Lead	ppm	2	 	
Tin	ppm	_ <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	<b>  </b> <1	 	
Molybdenum	ppm	23	 	
Nickel	ppm	<b>□</b> <1	 	
Titanium	ppm	<b>  </b> <1	 	
Silver	ppm	0	 	
Manganese	ppm	<b>■</b> <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	2345	 	
Magnesium	ppm	46	 	
-	ppm	<b>1256</b>	 	
ZINC				
		989	 	
Phosphorus	ppm	989 0	 	
Zinc Phosphorus Barium Boron	ppm ppm	989 0 94		
Phosphorus Barium	ppm	0		

VOLVO PENTA

The Talaria Company

202 Banks St., One Little Harbor Landing OXFORD, MD US 21654 Contact: TRACY PELLERIN tpellerin@hinckleyyachts.com T: (410)770-4899 F: x:

#### 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:
 VP592286

 Unique No:
 10751231

 Signed:
 Angela Borella

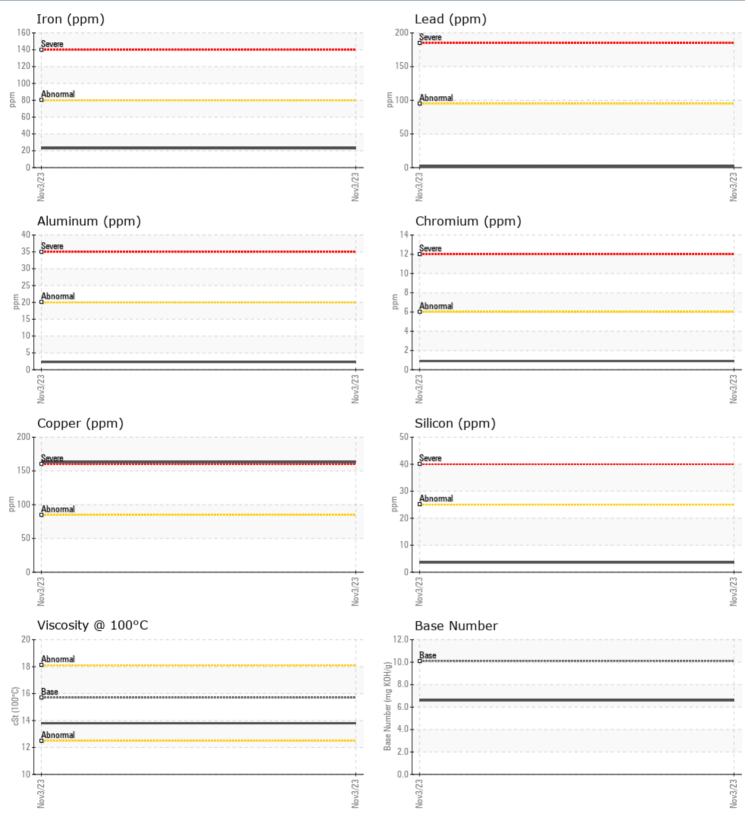
 Report Date:
 21 Nov 2023

Contact/Location: TRACY PELLERIN - VP592286

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP592286 [WUSCAR] 06012087 (Generated: 11/21/2023 17:50:43) Rev: 1

Contact/Location: TRACY PELLERIN - VP592286