## **OIL ANALYSIS REPORT**

### SEA DUTY JRM 3869275 - 4012153475 - STARBOARD GASOLINE ENGINE

Sample No: VPA047726

Oil Type: VOLVO 10W40

#### SAMPLE INFORMATION

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Sample Number		VPA047726			
Sample Date		01 Dec 2023			
Machine Hours		598			
Oil Hours		0			
Oil Changed		Changed			
Sample Status		NORMAL			
				_	
OIL CONDITION					
Visc @ 100°C	cSt	<b>16.1</b>			
Base Number (BN)	mg KOH/g	7.5			
Oxidation (PA)	%	8			
CONTAMINATION					
Contramination					
Water	%	NEG			
Soot %	%	0.1			
Nitration (PA)	%	5			
Sulfation (PA)	%	8			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	<b>4</b>			
Sodium	ppm	<b>1</b>			
Potassium	ppm	2			
WEAR METALS					
Iron	ppm	2			
Copper	ppm	2			
Lead	ppm	0			
Tin	ppm	0			
Aluminum	ppm	1			
Chromium	ppm	0			
Molybdenum	ppm	35			
Nickel	ppm	<b>□</b> <1			
Titanium	ppm	0			
Silver	ppm	0			
Manganese	ppm	<1			
Vanadium	ppm	0			
ADDITIVES					
	0.000	1610			
Calcium	ppm	1619 74			
Magnesium Zinc	ppm				
	ppm	820			
Phosphorus	ppm	709			
Barium	ppm	0			
Boron	ppm	4			

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 suitable for further service.

 Depot:
 VP592286

 Unique No:
 10794186

 Signed:
 Don Baldridge

 Report Date:
 20 Dec 2023

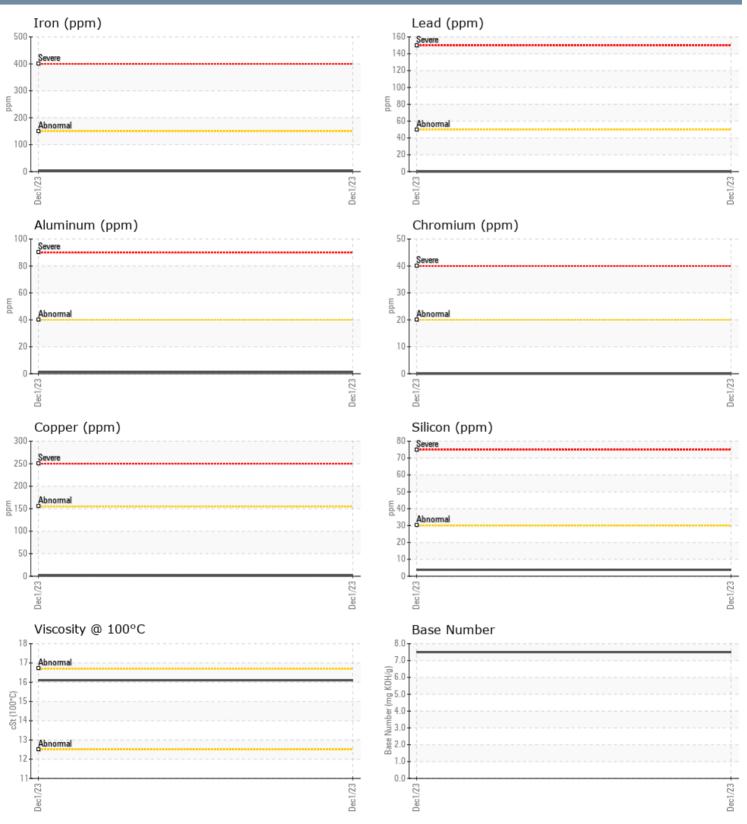
Contact/Location: TRACY PELLERIN - VP592286



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#### GRAPHS



Report Id: VP592286 [WUSCAR] 06038957 (Generated: 12/20/2023 18:23:05) Rev: 1

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