## **OIL ANALYSIS REPORT**

## JOE BARBARETTA MERCURY 92026169 - STARBOARD GASOLINE ENGINE

Sample No: VPA036515

Oil Type: MERCURY 25W40

## SAMPLE INFORMATION

Sample Number		VPA036515			
Sample Date		09 Feb 2024			
Machine Hours		423			
Oil Hours		0			
Oil Changed		Not Changd			
Sample Status		NORMAL			
OIL CONDITION					
Visc @ 100°C	cSt	12.3			
Base Number (BN)	mg KOH/g	8.5			
Oxidation (PA)	%	13			
CONTAMINATION					
Water	%	NEG			
Soot %	%	0			
Nitration (PA)	%	7			
Sulfation (PA)	%	11			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	22			
Sodium	ppm	0			
Potassium	ppm	<b>1</b>			
WEAR METALS					
Iron	ppm	27			
Copper	ppm	2			
Lead	ppm	<1			
Tin	ppm	<1			
Aluminum	ppm	2			
Chromium	ppm	 <1			
Molybdenum	ppm	45			
Nickel	ppm	<b>  </b> <1			
Titanium	ppm	_ <1			
Silver	ppm	0			
Manganese	ppm	<1			
Vanadium	ppm	0			
ADDITIVES					
Calcium	ppm	1816			
Magnesium	ppm	15			
Zinc	ppm	746			
Phosphorus	ppm	684			
Barium	ppm	12			
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#### YACHT BASIN MARINA

1866 OTTAWA BEACH RD HOLLAND, MI US 49424 Contact: OIL SAMPLE/PART kyle@yachtbasinmarina.com T: (616)786-2205 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:
 VP718610

 Unique No:
 10876029

 Signed:
 Jonathan Hester

 Report Date:
 15 Feb 2024

#### Report Id: VP718610 [WUSCAR] 06088584 (Generated: 02/16/2024 13:46:24) Rev: 1

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Boron

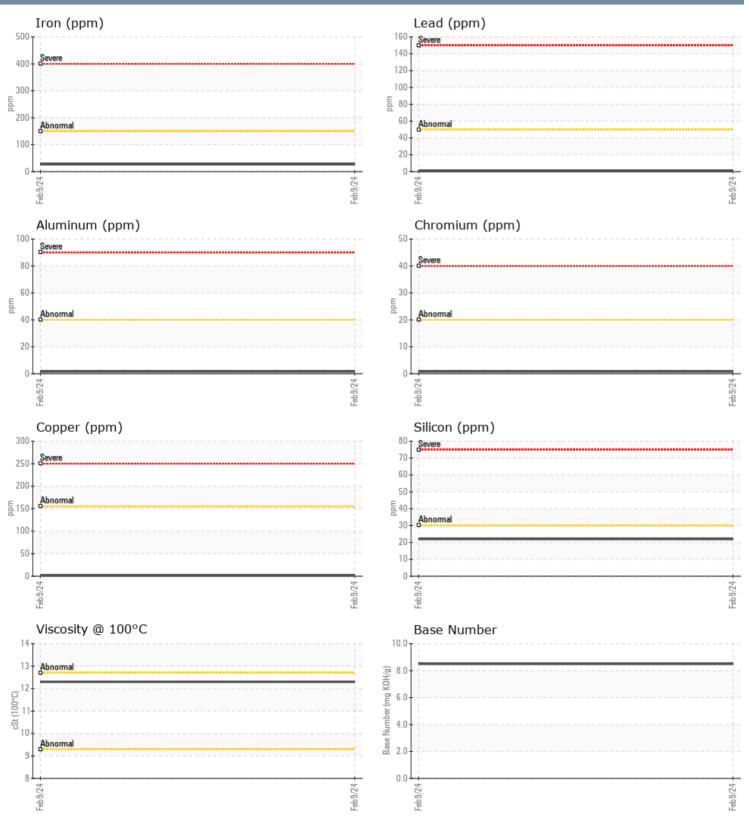
Contact/Location: OIL SAMPLE/PART - VP718610



# **OIL ANALYSIS REPORT**



#### GRAPHS



Contact/Location: OIL SAMPLE/PART - VP718610