## **OIL ANALYSIS REPORT**

## JERRY DILWORTH 11194 YAMAHA 6KA-X-1009460 - OUTBOARD GASOLINE ENGINE

Sample No: VPA056654

Oil Type: YAMAHA 10W30

## SAMPLE INFORMATION

Sample Number		VPA056654	 	
Sample Date		07 Aug 2023	 	
Machine Hours		10	 	
Oil Hours		10	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	9	 	
Base Number (BN)		7.1	 	
Oxidation (PA)	%	8	 	
	,,,	-		
CONTAMINATION				
<b>C</b> + 0(	0/			
Soot %	%	0	 	
Nitration (PA)	%	6	 	
Sulfation (PA)	%	9	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	29	 	
Sodium	ppm	2	 	
Potassium	ppm	<b>4</b>	 	
WEAR METALS				

Iron	ppm	<b>10</b>	 	
Copper	ppm	5	 	
Lead	ppm	<b>  </b> <1	 	
Tin	ppm		 	
Aluminum	ppm	<b>4</b>	 	
Chromium	ppm	<b></b> <1	 	
Molybdenum	ppm	170	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	<1	 	

## ADDITIVES

Calcium	ppm	2090	 	
Magnesium	ppm	17	 	
Zinc	ppm	808	 	
Phosphorus	ppm	618	 	
Barium	ppm	0	 	
Boron	ppm	58	 	

#### **BAY MARINE**

3 E MADISON ST WAUKEGAN, IL US 60085 Contact: BRENDAN COWHEY brendan@baymarine.net T: (847)336-2628 F:

### Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP1174336

 Unique No:
 10592421

 Signed:
 Doug Bogart

 Report Date:
 14 Aug 2023

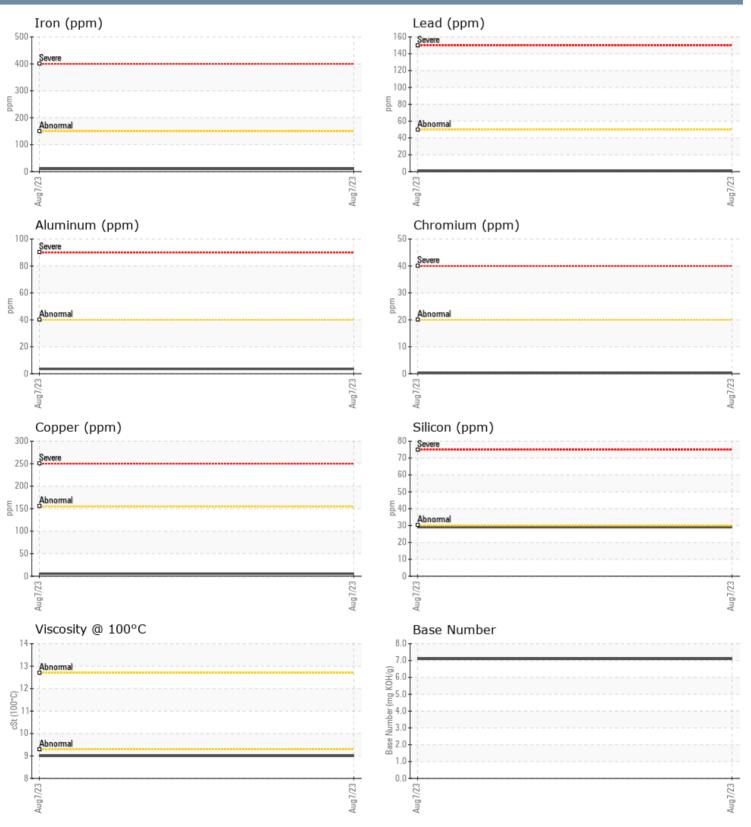
Contact/Location: BRENDAN COWHEY - VP1174336



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#### GRAPHS



Report Id: VP1174336 [WUSCAR] 05920507 (Generated: 08/14/2023 20:23:20) Rev: 1

Contact/Location: BRENDAN COWHEY - VP1174336