## **OIL ANALYSIS REPORT**

## IGOR DONIN MERCRUISER 2A639714 - PORT GASOLINE ENGINE

Sample No: VPA056184

Oil Type: QUICKSILVER 25W40 SYN BLEND

## SAMPLE INFORMATION

Sample Number		VPA056184	 	
Sample Date		13 Oct 2023	 	
Machine Hours		150	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		SEVERE	 	
OIL CONDITION				
Visc @ 100°C	cSt	<b>A</b> 8	 	
Base Number (BN)	mg KOH/g	<b>10.2</b>	 	
Oxidation (PA)	%	15	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	9	 	
Sulfation (PA)	%	11	 	
Glycol	%	NEG	 	
Fuel	%	<b>•</b> 19.1	 	
Silicon	ppm	<b>1</b> 4	 	
Sodium	ppm	<b>1</b>	 	
Potassium	ppm	0	 	
WEAR METALS				
Iron	ppm	9	 	
-				

Iron	ppm	9	 	
Copper	ppm	<b>4</b>	 	
Lead	ppm	0	 	
Tin	ppm	■<1	 	
Aluminum	ppm	□<1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	42	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

### ADDITIVES

Calcium	ppm	1826	 	
Magnesium	ppm	21	 	
Zinc	ppm	708	 	
Phosphorus	ppm	628	 	
Barium	ppm	0	 	
Boron	ppm	154	 	

## VOLVO PENTA

Ski	pp	er	Bu	d'	s

215 North Point Drive, 215 North Point Drive WINTHROP HARBOR, IL US 60096 Contact: Oscar M Padilla OPadilla@skipperbuds.com T: F:

## Diagnosis

We advise that you check the fuel injection system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a high amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VP211714

 Unique No:
 10699567

 Signed:
 Jonathan Hester

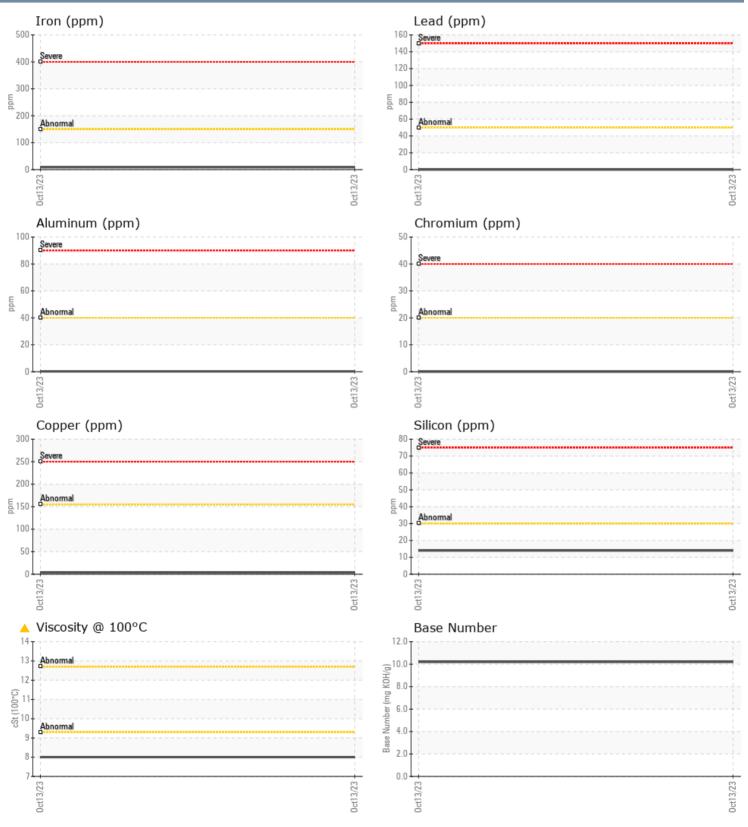
 Report Date:
 20 Oct 2023

Contact/Location: Oscar M Padilla - VP211714

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP211714 [WUSCAR] 05982272 (Generated: 10/20/2023 13:08:50) Rev: 1

Contact/Location: Oscar M Padilla - VP211714