# **OIL ANALYSIS REPORT**

## JOHN ARENDSHORST KOHLER 33JGGMJL0003 - GENSET

Sample No: VPA049879

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number		VPA049879	 	
Sample Date		15 Dec 2023	 	
Machine Hours		17	 	
Oil Hours		17	 	
Oil Changed		Not Changd	 	
Sample Status		SEVERE	 	
OIL CONDITION				
Base Number (BN)	mg KOH/g	48.5	 	
Oxidation (PA)	%	263	 	
CONTAMINATION				
CONTAMINATION				
Water	%	<b>28.0</b>	 	
Soot %	%	0.9	 	
Nitration (PA)	%	828	 	
Sulfation (PA)	%	0	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<u> </u>	 	
Sodium	ppm	<b>16</b>	 	
Potassium	ppm	4	 	
WEAR METALS				
Iron	ppm	75	 	
Copper	ppm	6	 	
Lead	ppm	5	 	
Tin	ppm	8	 	
Aluminum	ppm	7	 	
Chromium	ppm	2	 	
Molybdenum	ppm	<1	 	
Nickel	ppm	<b>1</b>	 	
Titanium	ppm	2	 	
Silver	ppm	<b>■</b> <1	 	

#### ADDITIVES

Manganese

Vanadium

ppm

ppm

Calcium	ppm	1116	 	
Magnesium	ppm	465	 	
Zinc	ppm	873	 	
Phosphorus	ppm	818	 	
Barium	ppm	0	 	
Boron	ppm	113	 	

#### YACHT BASIN MARINA

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

### Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition. Please note that there was too much water present in the oil to perform a viscosity test.All component wear rates are normal. Appearance is milky. There is a high concentration of water present in the oil. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VP718610

 Unique No:
 10802507

 Signed:
 Jonathan Hester

 Report Date:
 26 Dec 2023

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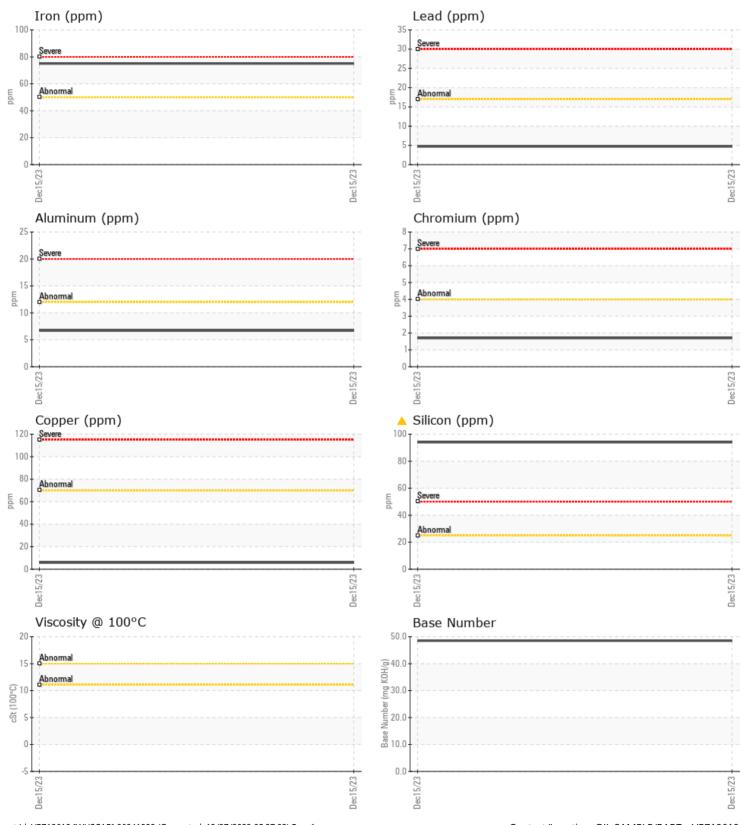
Contact/Location: OIL SAMPLE/PART - VP718610



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP718610 [WUSCAR] 06041899 (Generated: 12/27/2023 05:27:02) Rev: 1

Contact/Location: OIL SAMPLE/PART - VP718610