## **OIL ANALYSIS REPORT**

### LOCKHER H15388 MERCEDES-BENZ MERC ZUES - LOCKHER (S/N NOT GIVEN) - PORT IPS

Sample No: VPA036439

Oil Type: NOT GIVEN

#### SAMPLE INFORMATION

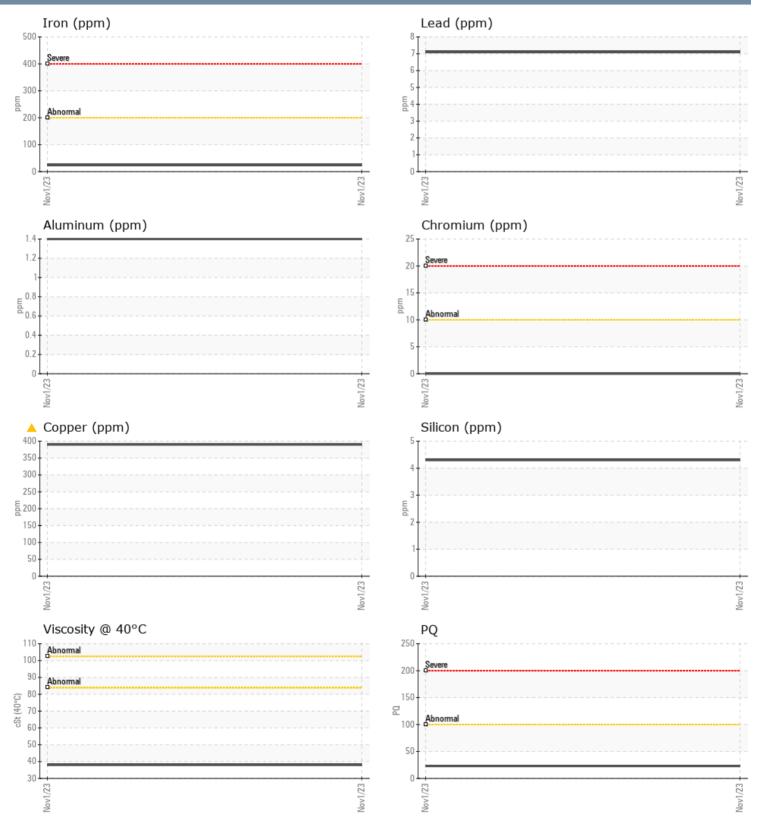
Sample Number VPA036439						
Sample Date		01 Nov 2023				Walstrom Marine - 767948
Machine Hours		1739				501 Bay Street
Oil Hours		0				HARBOR SPRINGS, MI
Oil Changed		N/A				US 49740
Sample Status		ABNORMAL				Contact: RICK HEINY
Sumple Status			_			rheiny@walstrom.com
OIL CONDITION						T:
	-C+	- 20.0				F:
/isc @ 40°C	cSt	38.0				
CONTAMINATION						Diagnosis
Silicon	ppm <b>4</b>					No corrective action is recommende
Sodium	ppm	<b>1</b>				at this time. Resample at the next service interval to monitor.The copper level is abnormal. All other
Potassium	ppm	2				
otassiam	ppin	-				component wear rates are normal.
WEAR METALS						There is no indication of any
		- 22				contamination in the oil. The
PQ		<b>2</b> 3				condition of the oil is acceptable for the time in service.
ron	ppm					
Copper	ppm	▲ 390 7				
Lead	ppm					
Tin	ppm	<1				
Aluminum	ppm	-				
Chromium	ppm	<b>0</b>				
Molybdenum	ppm	43				
Nickel	ppm	■0				
Titanium	ppm	0				
Silver	ppm	0				
Manganese	ppm	0				
Vanadium	ppm	0				
ADDITIVES						
Calcium	ppm	2056				
Magnesium	ppm	7				
Zinc	ppm	709				
Phosphorus	ppm	639				
Barium	ppm	0				
Boron	ppm	222				

Contact/Location: RICK HEINY - VP154879

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#### GRAPHS



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Contact/Location: RICK HEINY - VP154879