OIL ANALYSIS REPORT

UNDER DOWN ZF 20053622 - INBOARD - PORT GEARBOX

Sample No:VPA044021Oil Type:NOT GIVEN

SAMPLE INFORM	IATION			
Sample Number		VPA044021	 	
Sample Date		17 Oct 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	108	 	
CONTAMINATION	N			
Silicon	ppm	6	 	
Sodium	ppm	2	 	
Potassium	ppm	1 3	 	
WEAR METALS				
PQ		35	 	
Iron	ppm	84	 	
Copper	ppm	A 314	 	
Lead	ppm	1 8	 	
Tin	ppm	5	 	
Aluminum	ppm	6	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	67	 	
Nickel	ppm	2	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	2366	 	
Magnesium	ppm	13	 	
Zinc	ppm	1139	 	
Phosphorus	ppm	1021	 	
Barium	ppm	11	 	
Boron	ppm	103	 	

VOLVO PENTA

Walstrom Marine - 767948 501 Bay Street HARBOR SPRINGS, MI US 49740 Contact: RICK HEINY rheiny@walstrom.com T:

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.The copper level is abnormal. Clutch disc wear or oil cooler leaching indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

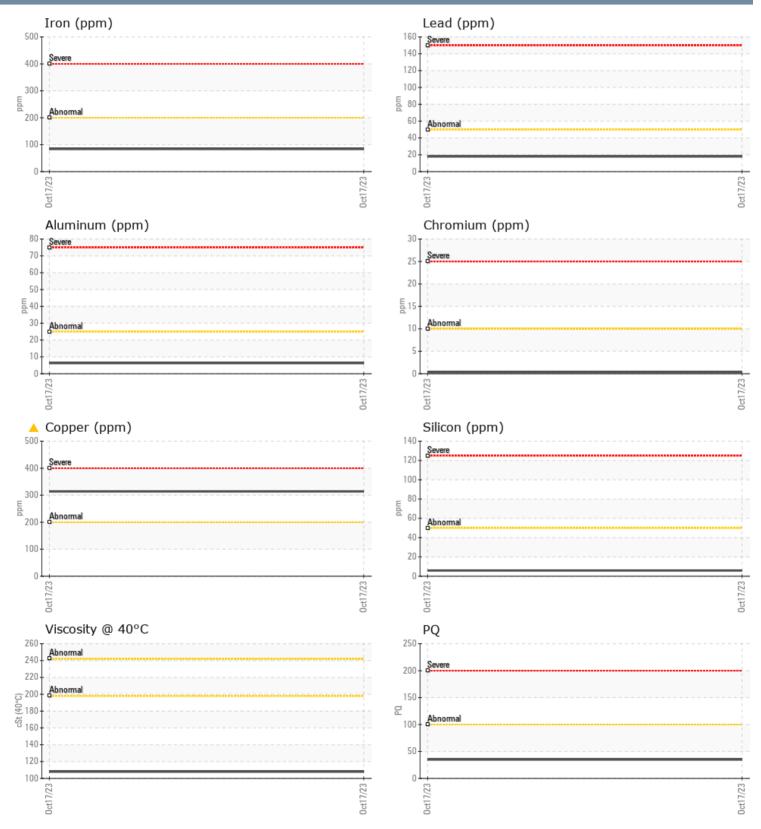
Depot:	VP154879		
Unique No:	10709558		
Signed:	Jonathan Hester		
Report Date:	25 Oct 2023		

Contact/Location: RICK HEINY - VP154879

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP154879 [WUSCAR] 05986896 (Generated: 10/26/2023 08:51:17) Rev: 1

Contact/Location: RICK HEINY - VP154879