OIL ANALYSIS REPORT

MARK THORNDYKE ZF HURTH 20372749 - INBOARD - PORT GEARBOX

Sample No: VPA036933

Oil Type: SAE 30W

SAMPLE INFORMATION

Sample Number		VPA036933	 	
Sample Date		20 Oct 2023	 	
Machine Hours		342	 	
Oil Hours		90	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	88.3	 	
CONTAMINATION				
Silicon	ppm	6	 	
Sodium	ppm	3	 	
Potassium	ppm	0	 	
WEAR METALS				
PQ		21	 	
Iron	ppm	9	 	
Copper	ppm	20	 	
Lead	ppm	 <1	 	
Tin	ppm	1	 	
Aluminum	ppm	1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	40	 	
Nickel	ppm	0	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	3166	 	
Magnesium	ppm	42	 	
Zinc	ppm	1051	 	
Phosphorus	ppm	895	 	
Barium	ppm	0	 	
Boron	ppm	415	 	

VOLVO PENTA

CHICAGO YACHT WORKS 2550 S ASHLAND AVE CHICAGO, IL JS 60608

Contact: JONATHAN PAIGE onathan@chicagoyachtworks.com : (312)666-6670

Diagnosis

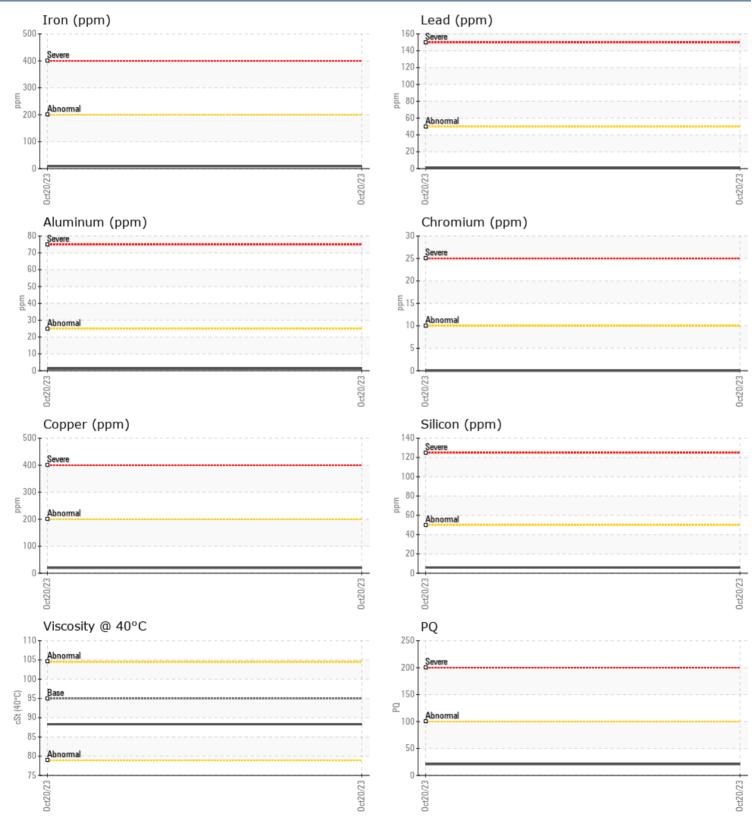
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:	VP1080862		
Unique No:	10714474 Sean Felton		
Signed:			
Report Date:	31 Oct 2023		

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1080862 [WUSCAR] 05991812 (Generated: 10/31/2023 18:02:10) Rev: 1

Contact/Location: JONATHAN PAIGE - VP1080862