OIL ANALYSIS REPORT

ALASKA LUXURY TOURS FORGE VOLVO PENTA F3940027716 - STARBOARD IPS

Sample No: VPA035213

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA035213	VPA027641	
Sample Date		04 Oct 2022	11 Jul 2022	
Machine Hours		2119	1687	
Oil Hours		432	340	
Oil Changed		Changed	Changed	
Sample Status		SEVERE	ATTENTION	
OIL CONDITION				
Visc @ 40°C	cSt	104	101	
CONTAMINATION				
Water	%	1.67		
Silicon	ppm	21	13	
Sodium	ppm	31	1	
Potassium	ppm	3	7	
WEAR METALS				
PQ		38	36	
Iron	ppm	444	2 04	
Copper	ppm	28	16	
ead	ppm	0	<1	
Tin	ppm	<1	0	
Aluminum	ppm	11	3	
Chromium	ppm	5	2	
Molybdenum	ppm	 <1	0	
Nickel	ppm	5	0	
Titanium	ppm	<1	0	
Silver	ppm	<1	<1	
Manganese	ppm	9	8	
/anadium	ppm	<1	0	
ADDITIVES				
Calcium	ppm	0	16	
Magnesium	ppm	17	93	
Zinc	ppm	3	9	
Phosphorus	ppm	1310	1357	
Barium	ppm	0	0	
Boron	ppm	277	374	

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Tomahawk Isl. Dr. OR PATRICK HAYERTZ sundanceyachts.com

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se that you check for the of water entry. Oil and filter at the time of sampling has ted. We recommend an early e to monitor this n.Gear wear is indicated. a high concentration of resent in the oil. The oil is no erviceable due to the e of contaminants.

Depot: VP154394 Unique No: 10168857 Signed: Jonathan Hester Report Date: 13 Oct 2022

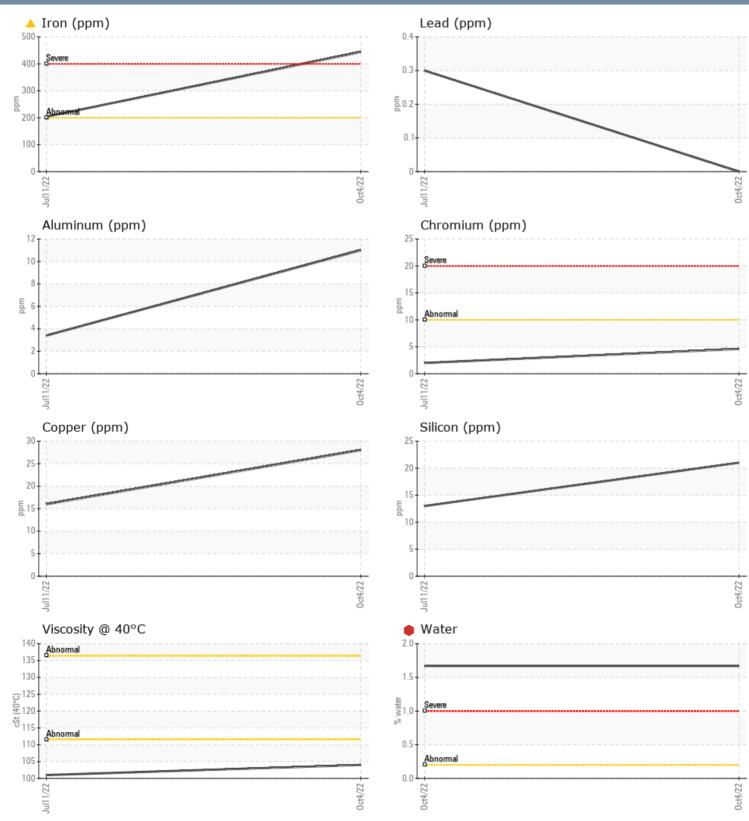
Contact/Location: PATRICK HAYERTZ - VP154394



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