## **OIL ANALYSIS REPORT**

## GORDON FERGUSON VOLVO PENTA 3950007483 - STARBOARD IPS

Sample No: VPA060081

Oil Type: VOLVO PENTA GL-5 SAE 75W90

Sample Number		VPA060081	VPA035282	 	
Sample Date		14 Feb 2024	01 Nov 2021	 	Endor Marine LLC - Coa
Machine Hours		443	148	 	4300 11th Ave. NW
Oil Hours		192	0	 	SEATTLE, WA
Oil Changed		Changed	N/A	 	US 98107
Sample Status		ATTENTION	NORMAL	 	Contact: WILLOW YA
					service@coastalmarir T: (206)784-3703
OIL CONDITION					F: (206)784-8823
Visc @ 40°C	cSt	<b>104</b>	95.1	 	1. (200)/04-0025
CONTAMINATION					Diagnosis
Water	%	0.114	NEG	 	Oil and filter change
Silicon	ppm	4	9	 	sampling has been r
Sodium	ppm	7	4	 	corrective action is r this time. Resample
Potassium	ppm	3	9	 	service interval to m
	•  • · · ·				increase in the iron l
WEAR METALS					other component we
PQ		22	25	 	normal. The water co negligible. There is r
Iron	ppm	<b>1</b> 33	31	 	any contamination in
Copper	ppm	9	4	 	condition of the oil i
Lead	ppm	<1	0	 	the time in service.
Tin	ppm	0	0	 	
Aluminum	ppm	5	1	 	
Chromium	ppm	1	<b></b> < 1	 	
Molybdenum	ppm	3	<1	 	
Nickel	ppm	2	<b></b> < 1	 	
Titanium	ppm	<1	<1	 	
Silver	ppm	0	0	 	
Manganese	ppm	<b>4</b>	6	 	
Vanadium	ppm	0	<1	 	
ADDITIVES					
Calcium	ppm	94	44	 	
Magnesium	ppm	35	1082	 	
Zinc	ppm	272	9	 	
Phosphorus	ppm	1377	1565	 	
Barium	ppm	0	<1	 	
Boron	ppm	255	539	 	

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VOLVO PENTA

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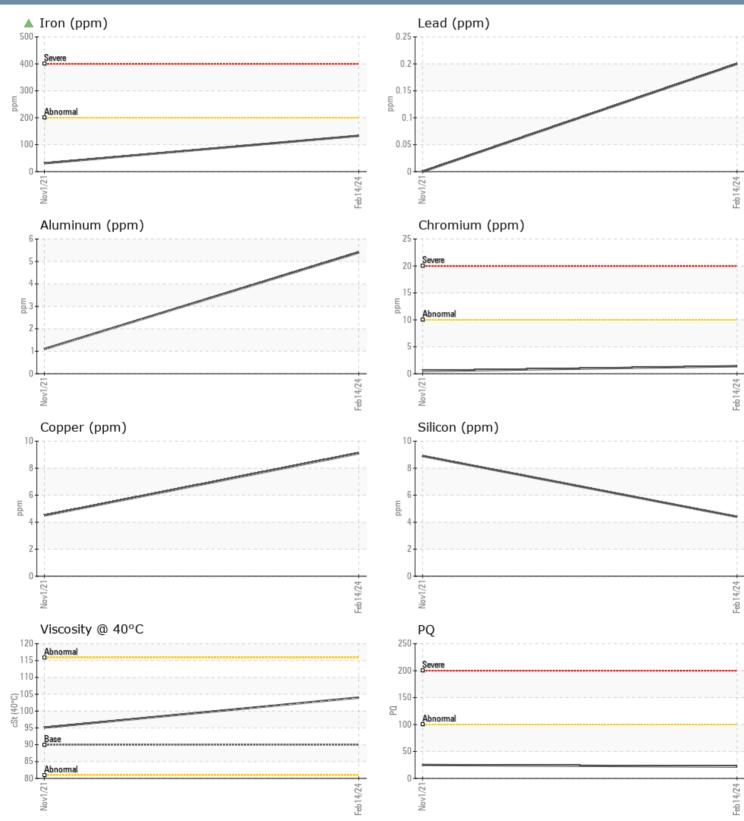
Depot:	VP794951		
Unique No:	10884873		
Signed:	Sean Felton		
Report Date:	20 Feb 2024		

Contact/Location: WILLOW YANARELLA - VP794951

## **OIL ANALYSIS REPORT**







Report Id: VP794951 [WUSCAR] 06092020 (Generated: 02/22/2024 11:46:22) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951