# **OIL ANALYSIS REPORT**

## RICH CARROLL PB5527 VOLVO PENTA 3950003835 - PORT IPS

Sample No: VPA049501

**Oil Type:** GEAR OIL SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA049501	VPA037282	 
Sample Date		10 Jan 2024	11 Nov 2021	 
Machine Hours		780	376	 
Oil Hours		150	0	 
Oil Changed		Changed	Changed	 
Sample Status		ABNORMAL	NORMAL	 
OIL CONDITION				
Visc @ 40°C	cSt	102	103	 
CONTAMINATION				
Water	%	<b>0.214</b>	NEG	 
Silicon	ppm	2	2	 
Sodium	ppm	2	4	 
Potassium	ppm	 <1	0	 
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WEAR METALS				
PQ		<b>15</b>	21	 
Iron	ppm	<b>30</b>	62	 
Copper	ppm	2	6	 
Lead	ppm	0	0	 
Tin	ppm	0	0	 
Aluminum	ppm	<1	<1	 
Chromium	ppm	0	<b></b> < 1	 
Molybdenum	ppm	2	0	 
Nickel	ppm	0	0	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	<b></b> <1	3	 
Vanadium	ppm	0	0	 
ADDITIVES				
Calcium	ppm	32	14	 
Magnesium	ppm	35	142	 
Zinc	ppm	29	5	 
Phosphorus	ppm	1465	1422	 
Barium	ppm			 
Boron	ppm	305	331	 
DOIOII	ppiii			

### D BANKS

SALEM RD T, FL 994 t: ROBERT ANTONA @gbmarinegroup.com 384-5290

### nosis

d filter change at the time of ing has been noted. No tive action is recommended at ne. Resample at the next interval to monitor.All onent wear rates are normal. is a light concentration of present in the oil. The ion of the oil is acceptable for ne in service.

Depot:	VP531377		
Unique No:	10834492		
Signed:	Sean Felton		
Report Date:	19 Jan 2024		

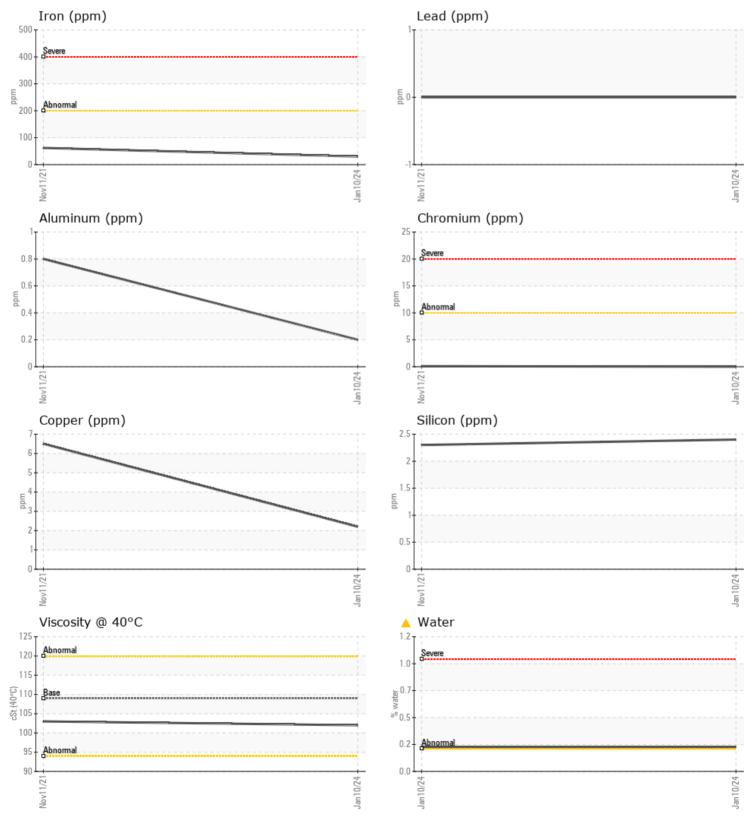
Contact/Location: ROBERT ANTONA - VP531377



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#### GRAPHS



Report Id: VP531377 [WUSCAR] 06063110 (Generated: 01/19/2024 15:33:54) Rev: 1

Contact/Location: ROBERT ANTONA - VP531377