OIL ANALYSIS REPORT

MICHAEL ELDRIDGE SAM VOLVO PENTA 3200002811 (S/N 320002811) - PORT IPS

Sample No: VPA059181

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM	ATION							
Sample Number		VPA059181	VPA056573	 				
Sample Date		05 Mar 2024	23 May 2023	 	Endor Marine LLC - Coastal Marine - 1521			
Machine Hours		393	239	 	4300 11th Ave. NW			
Oil Hours		154	0	 	SEATTLE, WA			
Oil Changed		Changed	Changed	 	US 98107			
Sample Status		NORMAL	NORMAL	 	Contact: WILLOW YANARELLA			
Sample Status		NORMAL	NORMAL		service@coastalmarineengine.com			
OIL CONDITION					T: (206)784-3703			
Visc @ 40°C	cSt	104	107	 	F: (206)784-8823			
CONTAMINATION					Diagnosis			
Water	%	NEG	NEG	 	Resample at the next service interva			
Silicon	ppm	1	1	 	to monitor.All component wear ra are normal. There is no indication any contamination in the oil. The condition of the oil is acceptable f			
Sodium	ppm	2	2	 				
Potassium	ppm	2	5	 				
	ррп	Ľ		 	the time in service.			
WEAR METALS								
PQ		1 6	6	 				
Iron	ppm	31	19	 				
Copper	ppm	6	7	 				
Lead	ppm	0	0	 				
Tin	ppm	<1	0	 				
Aluminum	ppm	<1	2	 				
Chromium	ppm	0	 < 1	 				
Molybdenum	ppm	0	<1	 				
Nickel	ppm	1	 < 1	 				
Titanium	ppm	0	0	 				
Silver	ppm	0	<1	 				
Manganese	ppm	 <1	2	 				
Vanadium	ppm	0	0	 				
ADDITIVES								
Calcium	ppm	4	10	 				
Magnesium	ppm	1 4	121	 				
Zinc	ppm	2	0	 				
Phosphorus	ppm	1373	1471	 				
Barium	ppm	0	0	 				
Boron	ppm	310	344	 				

Depot: VP794951 Unique No: 10915820 Signed: Don Baldridge Report Date: 11 Mar 2024

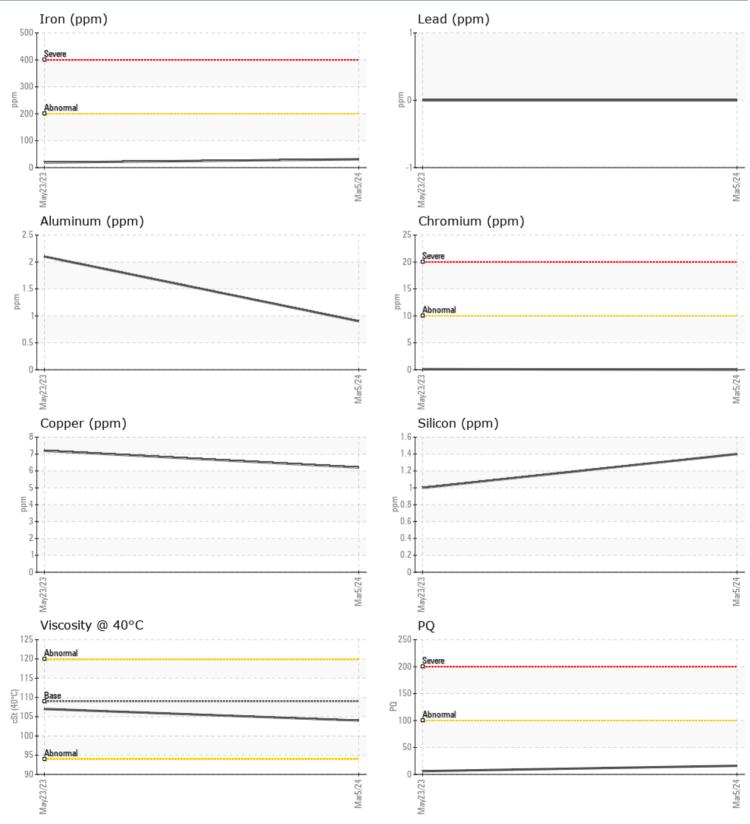
Contact/Location: WILLOW YANARELLA - VP794951



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GRAPHS



Report Id: VP794951 [WUSCAR] 06112323 (Generated: 03/11/2024 11:42:45) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951