OIL ANALYSIS REPORT

CHARLIE WICKERS PATRICK/502926-7250 VOLVO PENTA 3200003206 - STARBOARD IPS

Sample No: VPA061949

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORM	ATION				
Sample Number		VPA061949	VPA060022	 	-
Sample Date		16 Apr 2024	21 Feb 2024	 	Endor Marine LLC - Coastal Marine - 152
Machine Hours		215	194	 	4300 11th Ave. NW
Oil Hours		0	75	 	SEATTLE, WA
Oil Changed		Changed	Not Changd	 	
Sample Status		NORMAL	NORMAL	 	Contact: WILLOW YANARELLA
					service@coastalmarineengine.com T: (206)784-3703
OIL CONDITION					F: (206)784-8823
Visc @ 40°C	cSt	91.1	91.0	 	1. (200)/04 0025
CONTAMINATION					Diagnosis
Water	%	NEG	NEG	 	No corrective action is recommend
Silicon	ppm	2	2	 	at this time. Resample at the next
Sodium	ppm	4	3	 	service interval to monitor.All
Potassium	ppm	2	3	 	component wear rates are normal. There is no indication of any
	pp	-			contamination in the oil. The
WEAR METALS					condition of the oil is acceptable for the time in service.
PQ		28	22	 	the time in service.
Iron	ppm	44	34	 	
Copper	ppm	1 2	9	 	
Lead	ppm	0	0	 	
Tin	ppm	0	0	 	
Aluminum	ppm	<1	1	 	
Chromium	ppm	□<1	□ <1	 	
Molybdenum	ppm	 <1	0	 	
Nickel	ppm	0	 <1	 	
Titanium	ppm	0	0	 	
Silver	ppm	0	0	 	
Manganese	ppm	2	2	 	
Vanadium	ppm	0	0	 	
ADDITIVES					
Calcium	ppm	22	18	 	
Magnesium	ppm	325	328	 	
Zinc	ppm	7	10	 	
Phosphorus	ppm	1508	1505	 	
Barium	ppm	2	0	 	
Boron	ppm	602	537	 	

 Depot:
 VP794951

 Unique No:
 10991717

 Signed:
 Sean Felton

 Report Date:
 24 Apr 2024

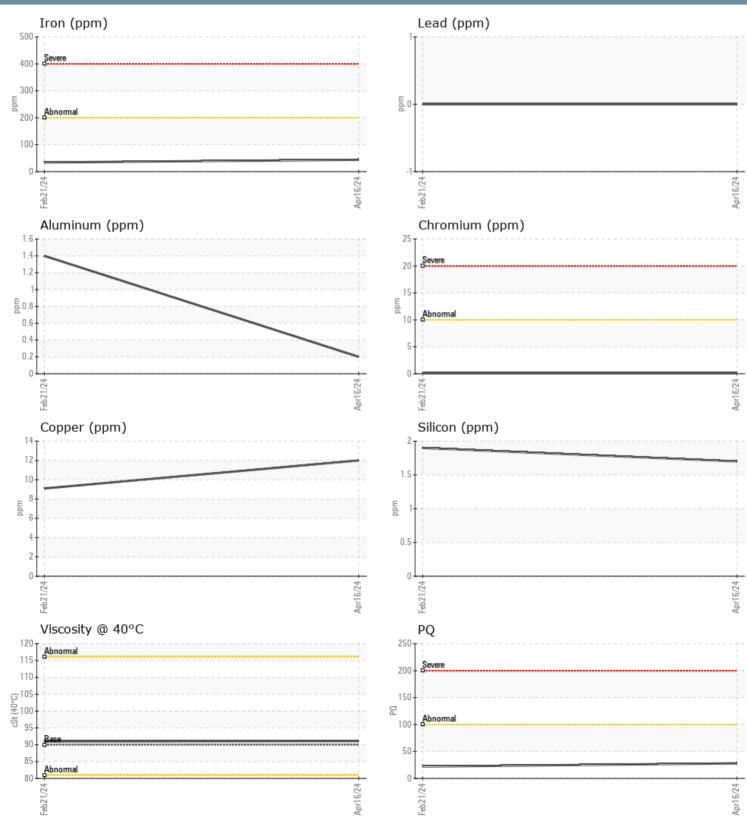
Contact/Location: WILLOW YANARELLA - VP794951



OIL ANALYSIS REPORT







Report Id: VP794951 [WUSCAR] 06156294 (Generated: 04/25/2024 18:24:45) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951