OIL ANALYSIS REPORT

NIMA SALESTANI GEOFF/502244 TWIN DISC 5GP811 - INBOARD - PORT GEARBOX

Sample No: VPA060786

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA060786	 	
Sample Date		13 Sep 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	1 04	 	
CONTAMINATION				
Silicon	ppm	8	 	
Sodium	ppm	1 1	 	
Potassium	ppm	11	 	
WEAR METALS				
PQ		25	 	
Iron	ppm	24	 	
Copper	ppm	102	 	
Lead	ppm	25	 	
Tin	ppm	2	 	
Aluminum	ppm	■ <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	70	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	2232	 	
Magnesium	ppm	439	 	
Zinc	ppm	1115	 	
Phosphorus	ppm	967	 	
Barium	ppm	0	 	
Boron	ppm	358	 	

Endor Marine LLC - Coastal Marine - 152124 4300 11th Ave. NW SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.Copper ppm levels are abnormal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:	VP794951		
Unique No:	10648971		
Signed:	Angela Borella		
Report Date:	19 Sep 2023		

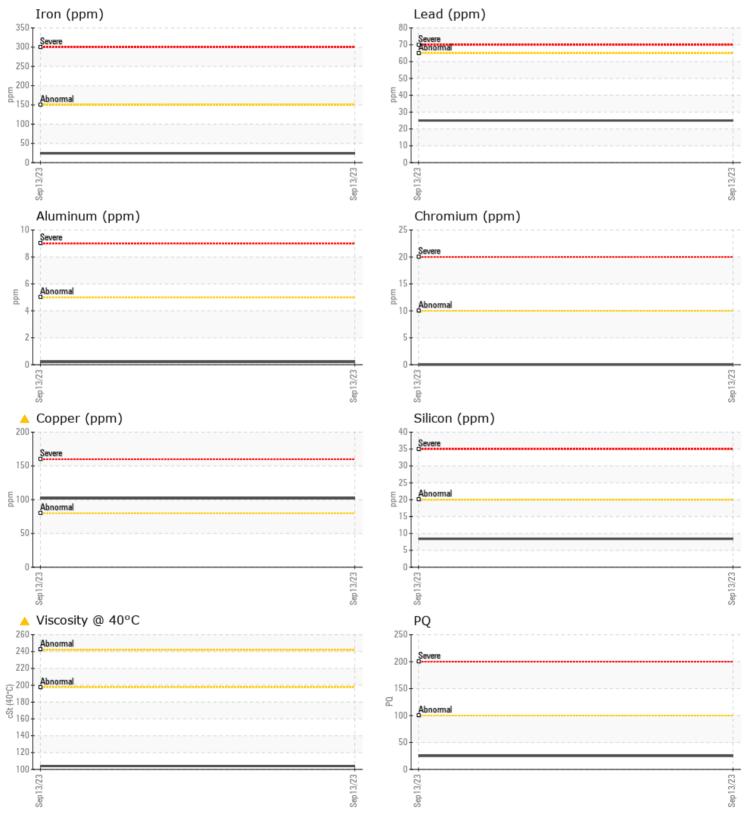
Contact/Location: WILLOW YANARELLA - VP794951



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GRAPHS



Report Id: VP794951 [WUSCAR] 05953012 (Generated: 09/21/2023 06:20:20) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951