OIL ANALYSIS REPORT

CHRISTOPHER KSIDAKIS PATRICK/5020465250 TWIN DISC 2451753 - INBOARD - PORT GEARBOX

Sample No: VPA055668

Oil Type: CHEVRON DELO 400 SAE 30

SAMPLE INFORM	ATION			
Sample Number		VPA055668	 	
Sample Date		28 Jun 2023	 	 Endor Marine LLC - Coastal Marine - 15
Machine Hours		113	 	 4300 11th Ave. NW
Oil Hours		113	 	 SEATTLE, WA
Oil Changed		Changed	 	 US 98107
Sample Status		NORMAL	 	 Contact: WILLOW YANARELLA
				service@coastalmarineengine.com T: (206)784-3703
OIL CONDITION				F: (206)784-8823
Visc @ 40°C	cSt	96.5	 	 F. (200)/04-0025
CONTAMINATION				Diagnosis
		_		Resample at the next service inter
Silicon	ppm	4	 	 to monitor.All component wear ra
Sodium	ppm	3	 	 are normal. There is no indication
Potassium	ppm	0	 	 any contamination in the oil. The
WEAR METALS				condition of the oil is acceptable f the time in service.
PQ		20	 	
Iron	ppm	1 9	 	
Copper	ppm	21	 	
Lead	ppm	6	 	
Tin	ppm	0	 	
Aluminum	ppm	4	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	2700	 	
Magnesium	ppm	1 9	 	
Zinc	ppm	867	 	
Phosphorus	ppm	760	 	
Barium	ppm	0	 	
Boron	ppm	0	 	



 Depot:
 VP794951

 Unique No:
 10546301

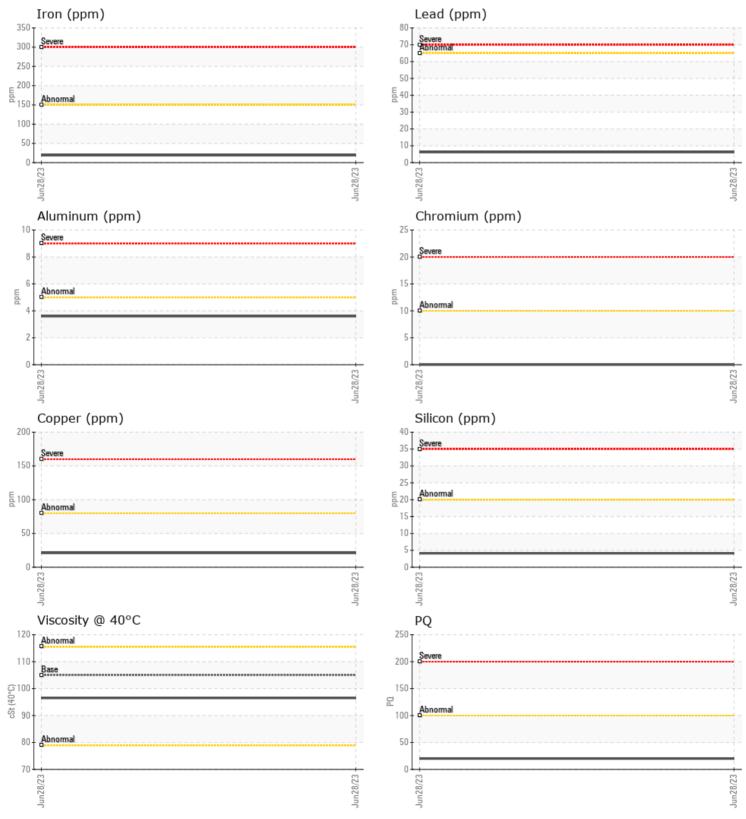
 Signed:
 Sean Felton

 Report Date:
 07 Jul 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP794951 [WUSCAR] 05890491 (Generated: 07/07/2023 16:16:03) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951