OIL ANALYSIS REPORT

BRAIN BROTTY 534297 YANMAR 05765 - INBOARD - STARBOARD GEARBOX

Sample No: VPA055759

Oil Type: SHELL ROTELLA T 30

SAMPLE INFORMATION

Sample Number		VPA055759	 	
Sample Date		15 Feb 2024	 	
Machine Hours		1332	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		SEVERE	 	
OIL CONDITION				
Visc @ 40°C	cSt	81.8	 	
CONTAMINATION				
Water	%	NEG	 	
Silicon	ppm	∎14	 	
Sodium	ppm	1	 	
Potassium	ppm	2	 	
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WEAR METALS				
PQ		49	 	
Iron	ppm	65	 	
Copper	ppm	🛑 354	 	
Lead	ppm	11	 	
Tin	ppm	3	 	
Aluminum	ppm	• 49	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	4 4	 	
Nickel	ppm	1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	2253	 	
Magnesium	ppm	9	 	
Zinc	ppm	□ 747	 	
Phosphorus	ppm	675	 	
Barium	ppm	11	 	
Boron	ppm	36	 	
DOIOII	PPIII	_ 30		



Jas Marine Service Inc. 1009 Newman RD. LAKE PARK, FL US 33403 Contact: DEBBIE debbie@jasmarine.com T: (561)844-3224

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.The aluminum level is severe. The copper level is severe. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

 Depot:
 VP152963

 Unique No:
 10886159

 Signed:
 Jonathan Hester

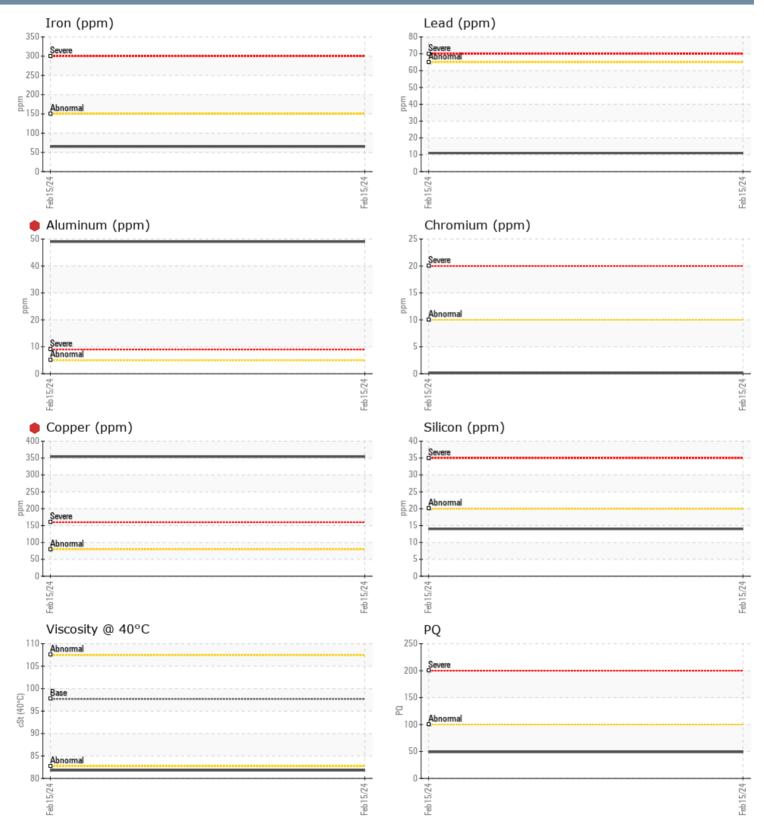
 Report Date:
 22 Feb 2024

Contact/Location: DEBBIE ? - VP152963

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP152963 [WUSCAR] 06093306 (Generated: 02/22/2024 09:28:20) Rev: 1

Contact/Location: DEBBIE ? - VP152963