

PROBLEM SUMMARY

OCEAN VOYAGER Machine Id [OCEAN VOYAGER] OCEAN VOYAGER - SRP 122

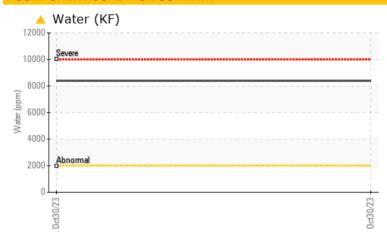
Component

Starboard Gearbox

CASTROL ALPHA SP150 (1600 LTR)

Sample Rating Trend WATER Output

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS								
Sample Status				ABNORMAL				
Water	%	ASTM D6304	>0.2	△ 0.840				
ppm Water	ppm	ASTM D6304	>2000	A 8400				

Customer Id: VICNEWIN Sample No.: WC0824864 Lab Number: 06006442 Test Package: MAR 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 jhester@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Resample	,		?	We recommend an early resample to monitor this condition.		
Check Water Access			?	We advise that you check for the source of water entry.		

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

OCEAN VOYAGER [OCEAN VOYAGER] OCEAN VOYAGER - SRP 122

Component

Starboard Gearbox

CASTROL ALPHA SP150 (1600 LTR)

Sample Rating Trend



DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

There is a high concentration of water present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMA	NOITA	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0824864		
Sample Date		Client Info		30 Oct 2023		
Machine Age	hrs	Client Info		2000		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	8		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>200	0		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		<1		
Phosphorus	ppm	ASTM D5185m		178		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		8699		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	0		
Sodium	ppm	ASTM D5185m		5		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.2	△ 0.840		
ppm Water	ppm	ASTM D6304	>2000	<u></u> 8400		
FLUID DEGRADAT	ION	method	limit/base	current	history1	history2

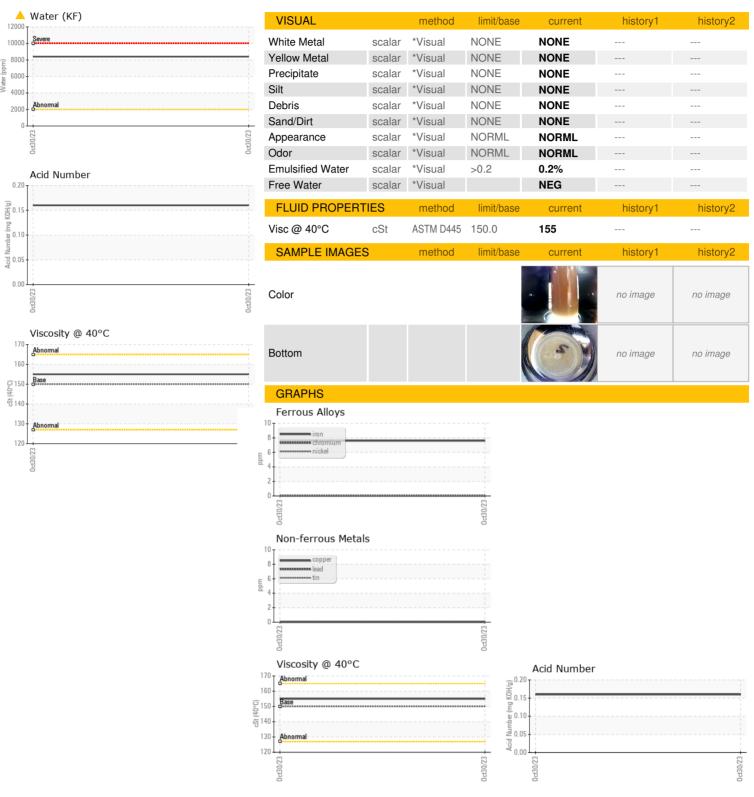
0.16

Acid Number (AN)

mg KOH/g ASTM D8045



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0824864 : 06006442

: 10740204 Test Package : MAR 2 (Additional Tests: KF)

Received : 13 Nov 2023 Diagnosed : 16 Nov 2023 Diagnostician

: Jonathan Hester

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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F: