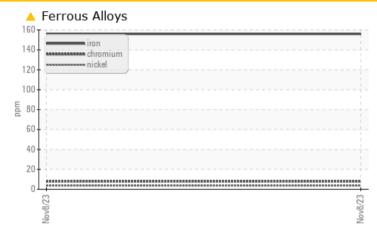


PROBLEM SUMMARY

Area SEAWARD EXPLORER Machine Id Explorer - RHIB

Component Port Diesel Engine Fluid MOBIL DELVAC 1330 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS										
Sample Status				ABNORMAL						
Iron	ppm	ASTM D5185m	>100	🔺 156						

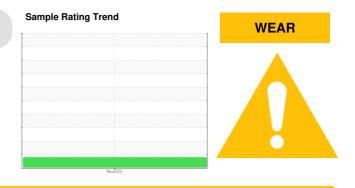
Customer Id: SEANEW Sample No.: WC0859367 Lab Number: 06012185 Test Package: MAR 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

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



There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

Area SEAWARD EXPLORER Machine Id Explorer - RHIB Component

Component Port Diesel Engine Fluid MOBIL DELVAC 1330 (--- GAL)

DIAGNOSIS

A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

🔺 Wear

Cylinder, crank, or cam shaft wear is indicated. All other metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the oil.

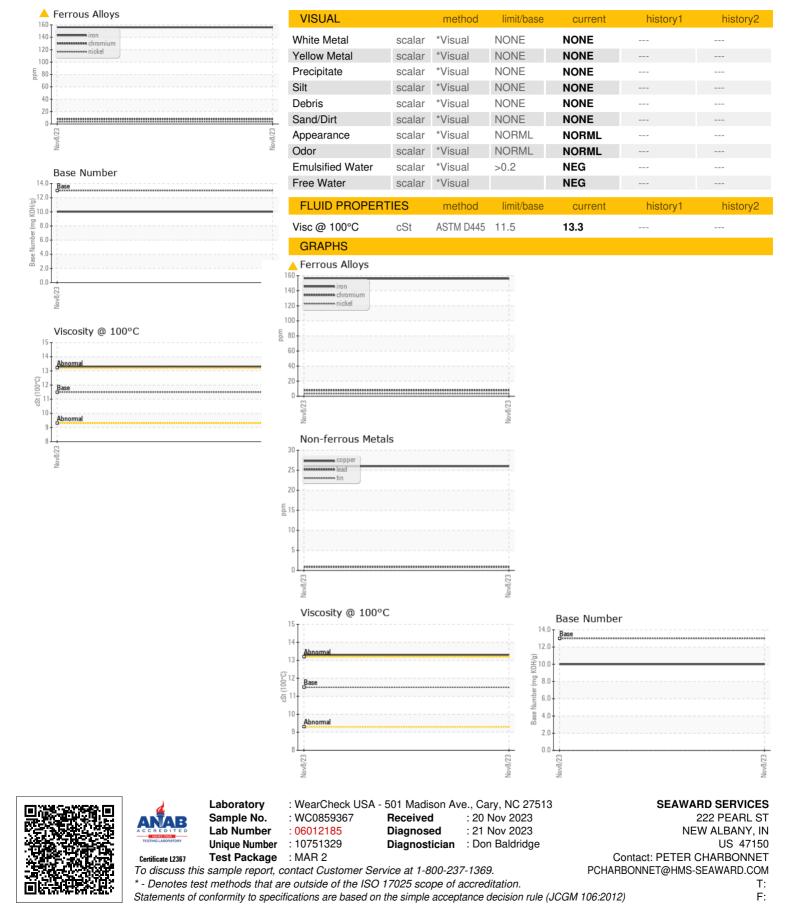
Fluid Condition

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

				Nov2023		
		method	limit/base		historyd	history
	ATION		IIIIIIVDASE		history1	history2
Sample Number		Client Info		WC0859367		
Sample Date		Client Info		08 Nov 2023		
Machine Age	hrs	Client Info		98		
Oil Age	hrs	Client Info		98		
Oil Changed		Client Info		Not Changd		
Sample Status				ABNORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	4 156		
Chromium	ppm	ASTM D5185m	>20	8		
Nickel	ppm	ASTM D5185m	>4	4		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	21		
Lead	ppm	ASTM D5185m	>40	<1		
Copper	ppm	ASTM D5185m	>330	26		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<1		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		66		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		928		
Calcium	ppm	ASTM D5185m		1067		
Phosphorus	ppm	ASTM D5185m		1006		
Zinc	ppm	ASTM D5185m		1212		
Sulfur	ppm	ASTM D5185m		3531		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	13		
Sodium	ppm	ASTM D5185m		3		
Potassium	ppm	ASTM D5185m	>20	23		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.2		
Nitration	Abs/cm	*ASTM D7624	>20	6.0		
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.0		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	13.6		
Base Number (BN)	mg KOH/g	ASTM D2896	13	10.0		
	0 - 0					



OIL ANALYSIS REPORT



Submitted By: PETER CHARBONNET