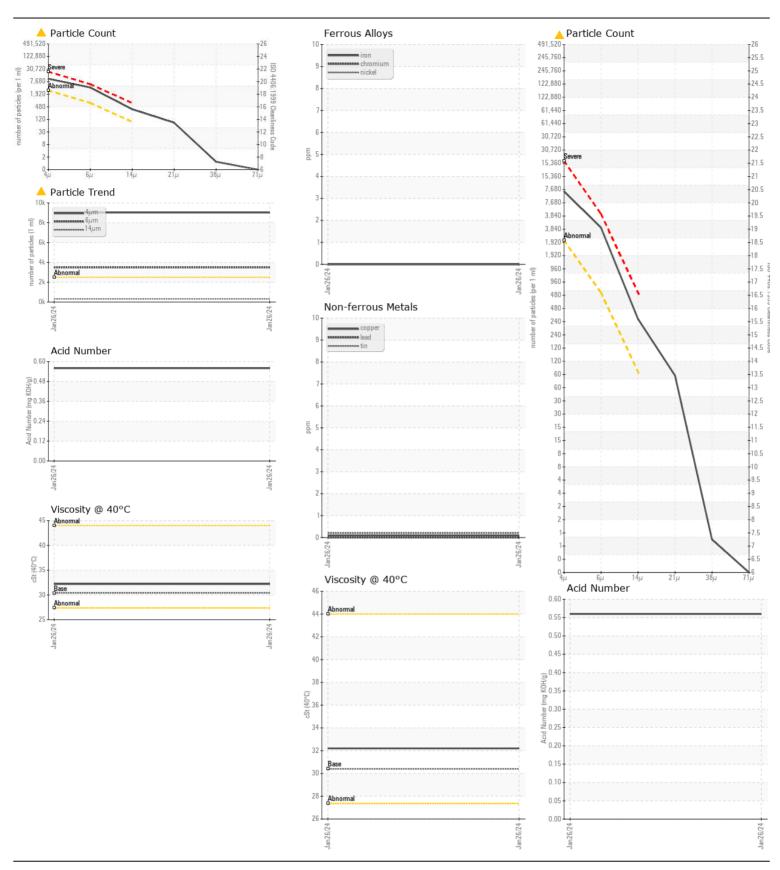
LOUISIANA SKY

Component Starboard Steering

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.	Sample Number		Client Info		MW0042839		
	Sample Date		Client Info		26 Jan 2024		
	Machine Age	hrs	Client Info		0		
	Oil Age	hrs	Client Info		0		
	Filter Age	hrs	Client Info		0		
	Oil Changed		Client Info		N/A		
	Filter Changed		Client Info		N/A		
	Sample Status				ABNORMAL		
VEAR	Iron	ppm	ASTM D5185m	>50	0		
	Chromium	ppm	ASTM D5185m		0		
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		0		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m	>5	0		
	Lead	ppm	ASTM D5185m		0		
	Copper	ppm	ASTM D5185m	>50	<1		
	Tin	ppm	ASTM D5185m		<1		
	Vanadium	ppm	ASTM D5185m		0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
PONT A MINIA TION	Silicon	nnm	ACTM DE10Em	. 15	.4		
CONTAMINATION		ppm	ASTM D5185m		<1		
There is a high amount of particulates present in the fluid.	Potassium	ppm	ASTM D5185m		0		
	Water		WC Method		NEG		
	Particles >4µm Particles >6µm		ASTM D7647 ASTM D7647	>640	△ 9030 △ 3494		
	Particles > 14µm		ASTM D7647		▲ 3494 ▲ 320		
	Particles >21µm		ASTM D7647	>20	<u> </u>		
	Particles >38µm		ASTM D7647		1		
	Particles >30µm		ASTM D7647 ASTM D7647		0		
	Oil Cleanliness		ISO 4406 (c)		<u> </u>		
	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water			>0.2	NEG		
LUID CONDITION	Sodium	ppm	ASTM D5185m		<1		
The AN level is acceptable for this fluid. The condition of the fluid is	Boron	ppm	ASTM D5185m		0		
suitable for further service.	Barium	ppm	ASTM D5185m		<1		
	Molybdenum	ppm	ASTM D5185m		0		
	Manganese	ppm	ASTM D5185m		<1		
	Magnesium	ppm	ASTM D5185m		1		
	Calcium	ppm	ASTM D5185m		37		
	Phosphorus	ppm	ASTM D5185m		303		
	Zinc	ppm	ASTM D5185m		398		
	Sulfur	ppm	ASTM D5185m		684		
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.56		
	Visc @ 40°C	cSt	ASTM D445	30.4	32.2		





Certificate L2367

Laboratory Sample No.

Lab Number **Unique Number**

: MW0042839 : 06077638 : 10859729

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 01 Feb 2024 Diagnosed

: 04 Feb 2024 Diagnostician : Don Baldridge

Test Package : MAR 2 (Additional Tests: PrtCount) 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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