

## **OIL ANALYSIS REPORT**

Sample Rating Trend

NORMAL

Machine Id

# BLDG 92 HOIST - KENDALL SPECIAL LS GEAR (S/N 70812)

Component New (Unused) Oil

{not provided} (--- QTS)

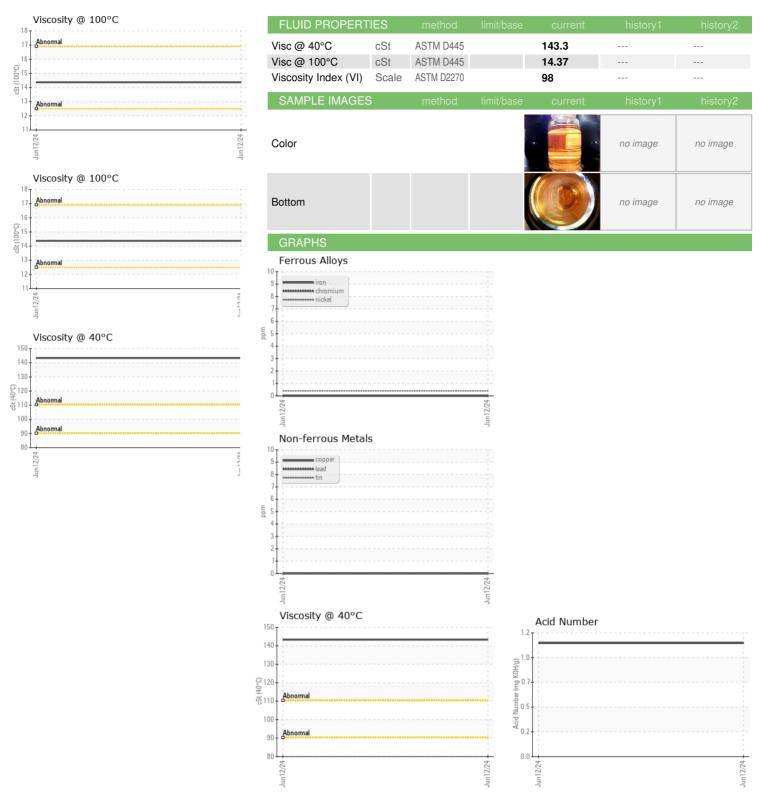
### Recommendation

This is a baseline read-out on the submitted sample.

				Jun2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0869608		
Sample Date		Client Info		12 Jun 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>5	0		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>5	<1		
Lead	ppm	ASTM D5185m	>5	0		
Copper	ppm		>5	0		
Tin	ppm	ASTM D5185m	>5	0		
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		0		
Manganese		ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		1		
Calcium	ppm	ASTM D5185m		0		
	ppm			253		
Phosphorus	ppm	ASTM D5185m		253		
Zinc Sulfur	ppm	ASTM D5185m		-		
	ppm	ASTM D5185m		19149		
CONTAMINANTS		method	limit/base		history1	history2
Silicon	ppm	ASTM D5185m	>15	0		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm		>20	2		
Water	%	ASTM D6304		NEG		
FLUID DEGRADA		method	limit/base		history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.10		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
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	scalar	*Visual		NEG		
Free Water	scalar	*Visual	_ (	NEG	Service Manag	er - F <u>L</u> USCHN
						D 4 1



### **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

: WC0869608 Lab Number : 06219240

Unique Number : 11097437

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 24 Jun 2024 **Tested** 

: 26 Jun 2024 Diagnosed : 26 Jun 2024 - Jonathan Hester

2401 RIVER RD

**FLUOR MARINE PROPULSION LLC** 

SCHENECTADY, NY US 12309

Contact: Service Manager

Test Package : IND 2 ( Additional Tests: FT-IR, ICP-NewOil, KF, KV100, PrtCount, VI ) 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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