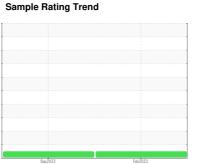


OIL ANALYSIS REPORT



NORMAL



10 KNIFE RENTAL (S/N 3211)

Hydraulic System

TR)

Fluid			
NOT	GIVEN	(450	Ľ

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

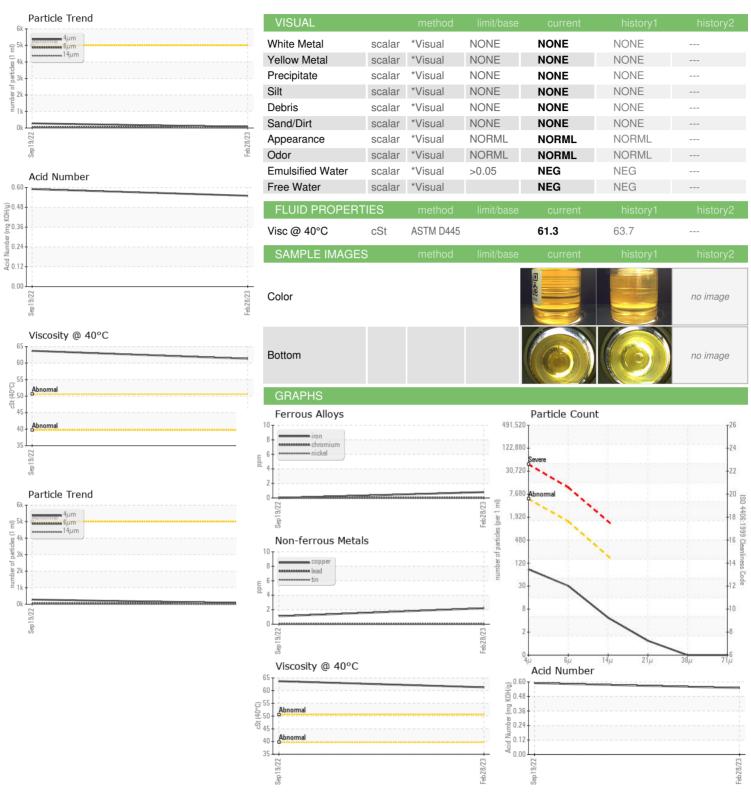
Fluid Condition

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

		,	Sep 2022	Feb 2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0743528	WC0711924	
Sample Date		Client Info		28 Feb 2023	19 Sep 2022	
Machine Age	hrs	Client Info		247	13	
Oil Age	hrs	Client Info		247	13	
Oil Changed		Client Info		N/A	Not Changd	
Sample Status				NORMAL	NORMAL	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	<1	0	
Chromium	ppm	ASTM D5185m	>20	0	0	
Nickel	ppm	ASTM D5185m	>20	0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>20	0	<1	
Lead	ppm	ASTM D5185m	>20	0	0	
Copper	ppm	ASTM D5185m	>20	2	1	
Tin	ppm	ASTM D5185m	>20	0	0	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	<1	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum		ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		0	0	
Magnesium	ppm	ASTM D5185m		0	<1	
Calcium	ppm	ASTM D5185m		66	70	
	ppm	ASTM D5185m		297	324	
Phosphorus	ppm			-		
Zinc	ppm	ASTM D5185m		376	403 8282	
Sulfur	ppm	ASTM D5185m		8024		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	7	6	
Sodium	ppm	ASTM D5185m		<1	<1	
Potassium	ppm	ASTM D5185m	>20	0	0	
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	73	280	
Particles >6µm		ASTM D7647	>1300	27	51	
Particles >14µm		ASTM D7647	>160	4	9	
Particles >21µm		ASTM D7647	>40	1	2	
Particles >38µm		ASTM D7647	>10	0	0	
Particles >71µm		ASTM D7647	>3	0	0	
Oil Cleanliness		ISO 4406 (c)	>19/17/14	13/12/9	15/13/10	
FLUID DEGRADA	ATION _	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.55	0.59	



OIL ANALYSIS REPORT







Laboratory Sample No.

Lab Number **Unique Number**

: WC0743528 : 05781206 : 10360876 Test Package : PLANT

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received Diagnosed Diagnostician

: 02 Mar 2023 : 03 Mar 2023 : Jonathan Hester

EFACTOR3 LLC 15050 CHOATE CIR, SUITE E CHARLOTTE, NC US 28273

Contact/Location: L. REID - EFACHA

Contact: L. REID LREID@EFACTOR3.COM

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)

F: (704)944-3234

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