

## **OIL ANALYSIS REPORT**

Sample Rating Trend

ISO

### Area RIG 258 Machine Id R258-MP-03

Component Gearbox Fluid NOT GIVEN (--- GAL)

#### DIAGNOSIS

#### Recommendation

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is a high amount of particulates present in the oil.

#### **Fluid Condition**

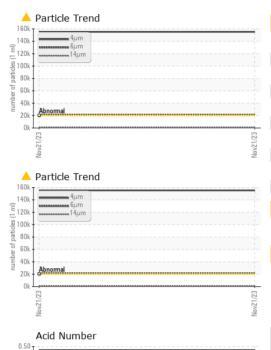
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

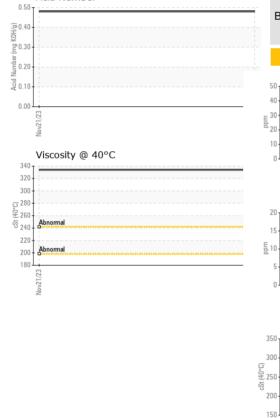
				Nov2023		
SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KL0013159		
Sample Date		Client Info		21 Nov 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	42		
-	ppm		>10	<1		
	ppm	ASTM D5185m	>10	<1		
	ppm	ASTM D5185m	-	<1		
	ppm	ASTM D5185m		0		
	ppm		>25	<1		
	ppm	ASTM D5185m	>50	0		
-	ppm	ASTM D5185m	>200	17		
	ppm	ASTM D5185m	>10	0		
	ppm	ASTM D5185m		0		
	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
_	nnm	ASTM D5185m		7		<b>,</b>
	ppm ppm	ASTM D5185m		5		
		ASTM D5185m		ر 1		
	ppm	ASTM D5185m		<1		
	ppm	ASTM D5185m		4		
	ppm	ASTM D5185m		4 31		
	ppm	ASTM D5185m		152		
	ppm					
- ···	ppm	ASTM D5185m		15		
Sulfur	ppm	ASTM D5185m		9058		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	10		
Sodium	ppm	ASTM D5185m		20		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID CLEANLINE	SS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	🔺 155275		
Particles >6µm		ASTM D7647	>5000	<u> </u>		
Particles >14µm		ASTM D7647	>640	<u> </u>		
Particles >21µm		ASTM D7647	>160	159		
Particles >38µm		ASTM D7647	>40	6		
Particles >71µm		ASTM D7647	>10	0		
Oil Cleanliness		ISO 4406 (c)	>21/19/16	<b>4/22/17</b>		
FLUID DEGRADAT	ION	method	limit/base	current	history1	history2
A				0.40		
Acid Number (AN)	mg KOH/g	ASTM D8045		0.48		

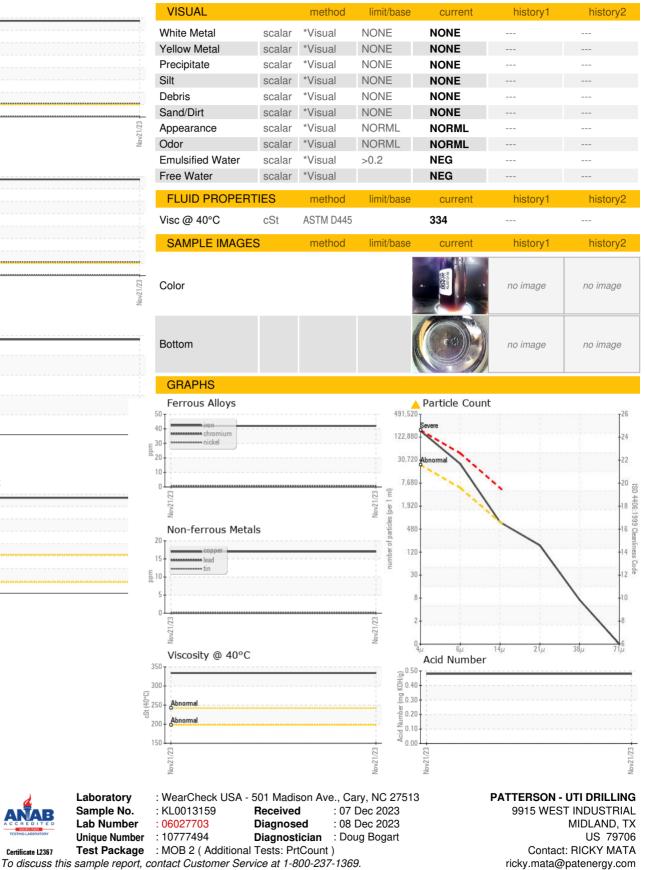
Contact/Location: RICKY MATA - PATMIDTX



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Report Id: PATMIDTX [WUSCAR] 06027703 (Generated: 12/08/2023 16:01:28) Rev: 1

\* - 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)

Certificate L2367

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