

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

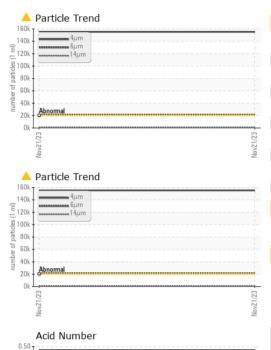
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

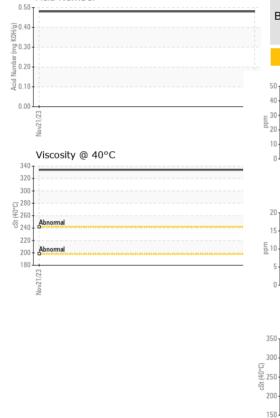
				Nov2023		
SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KL0013159		
Sample Date		Client Info		21 Nov 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
CONTAMINATION		method	limit/base	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		,
	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	4/22/17		
FLUID DEGRADAT	ION	method	limit/base	current	history1	history2
A				0.40		
Acid Number (AN)	mg KOH/g	ASTM D8045		0.48		

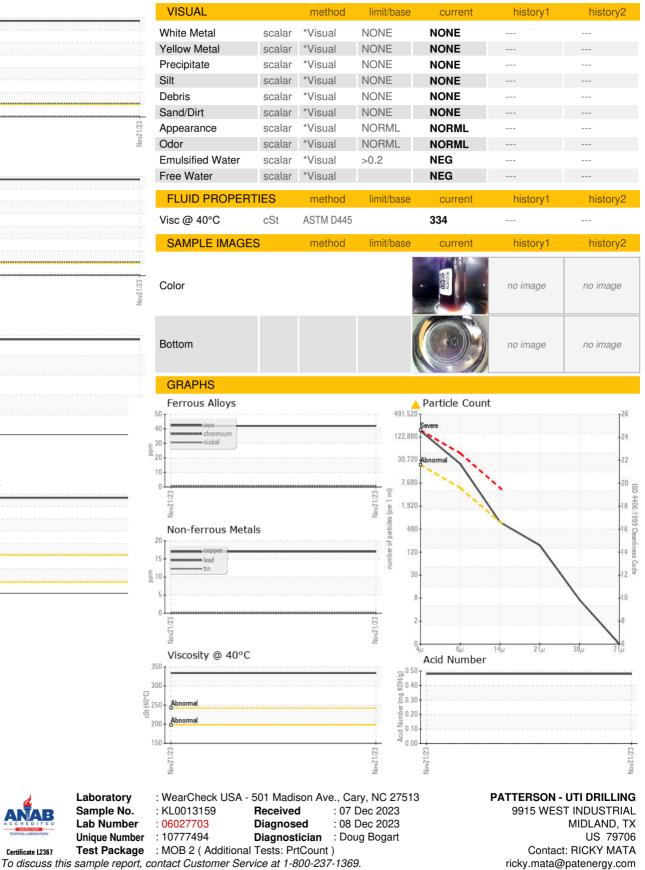
Contact/Location: RICKY MATA - PATMIDTX



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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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