

## **OIL ANALYSIS REPORT**

Sample Rating Trend



### Machine Id MANVEL E-1201

Component Differential Fluid {not provided} (--- QTS)

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

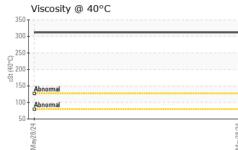
#### Fluid Condition

The condition of the oil is acceptable for the time in service.

Oil Age I Oil Changed Sample Status	mls mls	Client Info Client Info		WC0941888		
Machine Age Oil Age Oil Changed Sample Status						
Oil Age I Oil Changed Sample Status				28 May 2024		
Oil Changed Sample Status	mls	Client Info		0		
Sample Status		Client Info		0		
		Client Info		N/A		
				NORMAL		
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	4		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>100	0		
	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		270		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		3		
Calcium	ppm	ASTM D5185m		47		
Phosphorus	ppm	ASTM D5185m		957		
Zinc	ppm	ASTM D5185m		17		
Sulfur	ppm	ASTM D5185m		24968		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	<1		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
VISUAL		method	limit/base	current	history1	history2
	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 s	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor s	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>.2	NEG		
Free Water s	scalar	*Visual		NEG		 OUHY - SIDFRI



# **OIL ANALYSIS REPORT**



	FLUID PROPERTI	ES meth	nod limit/bas	e current	history1	history2
	Visc @ 40°C	cSt ASTM	D445	312		
	SAMPLE IMAGES	meth	nod limit/bas	e current	history1	history2
24	Color			no image	no image	no image
May28/24	Bottom			no image	no image	no image
	GRAPHS					
	Ferrous Alloys		May28/24 May28/24 May28/24			
	: WearCheck USA - 501 : WC0941888 : 06194439 : 11056562 : CONST	Madison Ave., Received Tested Diagnosed	Cary, NC 2751 : 29 May 2024 : 31 May 2024 : 31 May 2024 -	• •		RGENCY GROUF 4401 REX RD NDSWOOD, TX US 77546 GLAS DLOUHY

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)

Report Id: SIDFRI [WUSCAR] 06194439 (Generated: 05/31/2024 16:45:55) Rev: 1

Certificate L2367

Contact/Location: DOUGLAS DLOUHY - SIDFRI

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