

# WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

#### Machine Id MANVEL E-1201 Component Differential Fluid {not provided} (---- QTS)

## 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

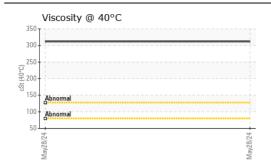
There is no indication of any contamination in the oil.

## FLUID CONDITION

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

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	est	UOM	Method	Limit/Abn	Current	History1	History2
S	ample Number		Client Info		WC0941888		
S	Sample Date		Client Info		28 May 2024		
N	lachine Age	mls	Client Info		0		
C	Dil Age	mls	Client Info		0		
F	ilter Age	mls	Client Info		0		
C	Dil Changed		Client Info		N/A		
F	ilter Changed		Client Info		N/A		
S	Sample Status				NORMAL		
				500			
	ron	ppm	ASTM D5185m	>500	4		
	Chromium	ppm	ASTM D5185m	>10	<1		
	lickel	ppm	ASTM D5185m	>10	0		
	itanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m	0.5	0		
	luminum	ppm	ASTM D5185m	>25	0		
	ead	ppm	ASTM D5185m	>25	0		
	Copper	ppm	ASTM D5185m	>100	0		
	īn	ppm	ASTM D5185m	>10	0		
	anadium/	ppm	ASTM D5185m		0		
۷	Vhite Metal	scalar	*Visual	NONE	NONE		
Y	ellow Metal	scalar	*Visual	NONE	NONE		
ç	Silicon	nom	ASTM D5185m	. 75			
					~1		
	otassium	ppm		>75	<1 0		
P	Potassium Vater	ppm	ASTM D5185m	>20	0		
F	Vater	ppm	ASTM D5185m WC Method	>20 >.2	0 NEG		
F V S	Vater Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >.2 NONE	0 NEG NONE		
F V S	Vater Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >.2 NONE NONE	0 NEG NONE NONE		
F V S S	Vater Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >.2 NONE NONE NONE	0 NEG NONE NONE NONE	  	 
F V S S	Vater Silt Debris Sand/Dirt	ppm scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >.2 NONE NONE NONE NORML	0 NEG NONE NONE NONE NORML	  	   
F V S C A	Vater Silt Debris Sand/Dirt Appearance Ddor	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>20 >.2 NONE NONE NORML NORML	0 NEG NONE NONE NONE NORML NORML	  	   
F V S C A	Vater Silt Debris Sand/Dirt	ppm scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >.2 NONE NONE NONE NORML	0 NEG NONE NONE NONE NORML	  	   
P V S S A C C E	Vater Silt Debris Sand/Dirt Appearance Ddor	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>20 >.2 NONE NONE NORML NORML	0 NEG NONE NONE NONE NORML NORML	   	   
P V S S A C C E S	Vater Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >.2 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG	   	   
P V S C S C C E S S S S S S	Vater Silt Debris Sand/Dirt Sppearance Ddor Smulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >.2 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG	   	   
P V S S A C C E S S B B B B	Vater Silt Debris Sand/Dirt Oppearance Ddor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >.2 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 270		
P V S C S A C C E S S B B B B S S S S S S S S S S S S S	Vater Silt Debris Sand/Dirt Appearance Odor Simulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >.2 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 270 0		
F V S C S A C C E S B B B N N N	Vater Silt Debris Sand/Dirt Spearance Ddor Sodium Sodium Boron Barium Aolybdenum	ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >.2 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 270 0 0		
F V S A C E S S B B B B M M M M	Vater Silt Debris Sand/Dirt Odor Sodor Sodium Soron Barium Aolybdenum Aanganese	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >.2 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 270 0 0 0		
F V S S S S S S S S S S S S S S S S S S	Vater Silt Debris Sand/Dirt Appearance Odor Sodium Sodium Soron Barium Molybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >.2 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 270 0 0 0 <1 3		
F V S S S A C C S S S S S S S S M M M C C F	Vater Silt Debris Sand/Dirt Spearance Odor Sodium Sodium Boron Barium Aolybdenum Aanganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >.2 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 270 0 270 0 4 3 47		
P V S S A C E S S B B M M M C C Z	Vater Silt Debris Sand/Dirt Sand/Dirt Door Codium Sodium Sodium Sodium Sodium Sodium Sodium Sodium Sodium Solybdenum Manganese Magnesium Calcium Phosphorus	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >.2 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 270 0 0 <1 3 47 957		

Contact/Location: DOUGLAS DLOUHY - SIDFRI



Ferrous Alloys 10 mqq 0 Non-ferrous Metals 10 lead maa Viscosity @ 40°C 320 300 280 260 240 220 ် 200 . 경 180 160 140 120 100 80 60 Aav78/74 Mav28/24



Lab Number : 06194439 Tested : 31 May 2024 FRIENDSWOOD, TX Unique Number : 11056562 Diagnosed : 31 May 2024 - Sean Felton US 77546 Test Package : CONST Contact: DOUGLAS DLOUHY Certificate L2367 DDLOUHY@SIDDONS-MARTIN.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)

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

Received

: 29 May 2024

Laboratory

Sample No.

: WC0941888

Contact/Location: DOUGLAS DLOUHY - SIDFRI Page 2 of 2

SIDDONS-MARTIN EMERGENCY GROUP

4401 REX RD

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