



## RECOMMENDATION

Resample at the next service interval to monitor.

## **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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ML0000181	VCP402375	
Sample Date		Client Info		03 Jan 2024	13 Apr 2023	
Machine Age	hrs	Client Info		8065	6625	
Oil Age	hrs	Client Info		2000	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Filter Changed		Client Info		Not Changd	Not Changd	
Sample Status				NORMAL	NORMAL	
				~	07	
Iron	ppm	ASTM D5185m	>500	25	97	
Chromium	ppm	ASTM D5185m	>20	<1	2	
	ppm	ASTM D5185m	>10	0	<1	
Litanium	ppm	ASTM D5185m		0	<1	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>30	2	<1	
Lead	ppm	ASTM D5185m	>50	0	0	
Copper	ppm	ASTM D5185m	>120	5	51	
Tin	ppm	ASTM D5185m	>20	0	6	
Vanadium	ppm	ASTM D5185m		0	<1	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>50	18	14	
Silicon Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>50 >20	18 1	14 0	
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>50 >20 >0.2	18 1 NEG	14 0 NEG	
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>50 >20 >0.2 NONE	18 1 NEG NONE	14 0 NEG NONE	 
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>50 >20 >0.2 NONE NONE	18 1 NEG NONE NONE	14 0 NEG NONE NONE	  
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	>50 >20 >0.2 NONE NONE	18 1 NEG NONE NONE NONE	14 0 NEG NONE NONE NONE	   
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>50 >20 >0.2 NONE NONE NORE	18 1 NEG NONE NONE NONE NORML	14 0 NEG NONE NONE NONE NORML	    
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>50 >20 >0.2 NONE NONE NORML NORML	18 1 NEG NONE NONE NORE NORML	14 0 NEG NONE NONE NONE NORML	    
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>50 >20 >0.2 NONE NONE NORML NORML >0.2	18 1 NEG NONE NONE NONE NORML NORML NEG	14 0 NEG NONE NONE NONE NORML NORML NEG	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>50 >20 NONE NONE NONE NORML NORML >0.2	18 1 NEG NONE NONE NORML NORML NEG	14 0 NEG NONE NONE NORML NORML NEG	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>50 >20 >0.2 NONE NONE NORML NORML >0.2	18 1 NEG NONE NONE NORML NORML NEG 0	14 0 NEG NONE NONE NORML NORML NEG 3	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>50 >20 NONE NONE NORML NORML >0.2	18 1 NEG NONE NONE NORML NORML NEG 0 32	14 0 NEG NONE NONE NORML NORML NEG 3 136	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>50 >20 NONE NONE NORML NORML >0.2	18 1 NEG NONE NONE NORML NORML NEG 0 32 0	14 0 NEG NONE NONE NORML NORML NEG 3 136 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20 NONE NONE NONE NORML NORML >0.2	18 1 NEG NONE NONE NORML NORML NEG 0 32 0 0	14 0 NEG NONE NONE NORML NORML NEG 3 136 0 1	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20 >0.2 NONE NORME NORML >0.2	18 1 NEG NONE NONE NORML NORML NEG 0 32 0 32 0 0	14 0 NEG NONE NONE NORML NORML NEG 3 136 0 1 3	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20 NONE NONE NONE NORML >0.2	18 1 NEG NONE NONE NORML NORML NEG 0 32 0 0 0 0 0 9	14 0 NEG NONE NONE NORML NORML NEG 3 136 0 1 3 136 0 1 3 17	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20 NONE NONE NONE NORML >0.2	18 1 NEG NONE NONE NORML NEG 0 32 0 32 0 0 0 0 9 3522	14 0 NEG NONE NONE NORML NORML NEG 3 136 0 1 3 136 0 1 3 136 0 1 1 3 17 3841	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20 >0.2 NONE NONE NORML >0.2	18 1 NEG NONE NONE NORML NORML NEG 0 32 0 0 32 0 0 9 3522 1234	14 0 NEG NONE NONE NORML NCRML NEG 3 136 0 136 0 1 3 17 3841 1287	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20 NONE NONE NORML NORML >0.2	18 1 NEG NONE NONE NORML NORML 0 32 0 0 0 0 0 0 9 3522 1234 1559	14 0 NEG NONE NONE NORML NORML NEG 3 136 0 136 0 1 3 3 17 3841 1287 1590	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20 NONE NONE NONE NORML >0.2	18 1 NEG NONE NONE NORML NEG 0 32 0 0 0 0 0 0 0 1 2 1 234 1559 4712	14 0 NEG NONE NONE NORML NEG 3 136 0 136 0 1 3 3 136 136 0 1 3 3 136 136 1 3 136 136 1 3 136 1 1 3 1287 1590	

Contact/Location: MIKE DESJARDINS - RECHYA





RECYCLE 1 4700 LAWRENCE ST HYATTSVILLE, MD US 20781 Contact: MIKE DESJARDINS mdesjarkins@wbwaste.com T: 2) F:



 Certificate 12367
 Test Package
 : CONST

 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)

: ML0000181

: 06057043

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

: 10 Jan 2024

: 11 Jan 2024

Diagnostician : Sean Felton

Recieved

Diagnosed

Report Id: RECHYA [WUSCAR] 06057043 (Generated: 01/11/2024 16:45:58) Rev: 1

Laboratory

Sample No.

Lab Number

Unique Number : 10822992

Contact/Location: MIKE DESJARDINS - RECHYA

Page 2 of 2