

PROBLEM SUMMARY

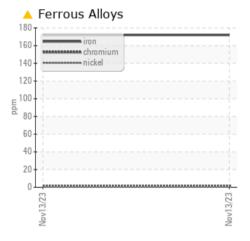
Sample Rating Trend
DIRT

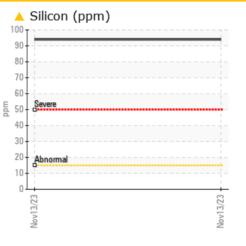
Machine Id MACK 60183 Component

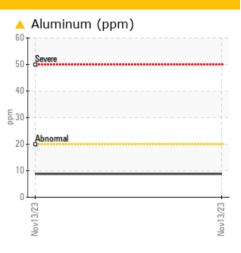
Blower

Fluid KENDALL SYNCON R&O OIL 220 (2 QTS)

COMPONENT CONDITION SUMMARY







RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status				ABNORMAL				
Iron	ppm	ASTM D5185m	>20	<u> </u>				
Aluminum	ppm	ASTM D5185m	>20	<u> </u>				
Silicon	ppm	ASTM D5185m	>15	<u> </u>				

Customer Id: GREGRETN Sample No.: WC0867831 Lab Number: 06013138 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 <u>jhester@wearcheckusa.com</u>

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED AC	CTIONS			
Action	Status	Date	Done By	Description
Check Dirt Access			?	We advise that you check all areas where dirt can enter the system.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

DIRT



Machine Id MACK 60183

Component Blower

Fluid

KENDALL SYNCON R&O OIL 220 (2 QTS)

DIAGNOSIS	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		WC0867831		
le advise that you check all areas where dirt can	Sample Date		Client Info		13 Nov 2023		
nter the system. The oil change at the time of	Machine Age	mls	Client Info		714726		
ampling has been noted. Resample at the next	Oil Age	mls	Client Info		63592		
rvice interval to monitor.	Oil Changed		Client Info		Changed		
Wear ne iron level is abnormal.	Sample Status				ABNORMAL		
Contamination	CONTAMINATIO	N	method	limit/base	current	history1	history2
emental levels of silicon (Si) and aluminum (Al) dicate alumina-silicate (coarse dirt) ingress.	Water		WC Method		NEG		
uid Condition	WEAR METALS		method	limit/base	current	history1	history2
ne condition of the oil is acceptable for the time in	Iron	ppm	ASTM D5185m	>20	172		
rvice.	Chromium	ppm	ASTM D5185m	>20	1		
	Nickel	ppm	ASTM D5185m	>20	<1		
	Titanium	ppm	ASTM D5185m		<1		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m	>20	<u> </u>		
	Lead	ppm	ASTM D5185m	>20	<1		
	Copper	ppm	ASTM D5185m		<1		
	Tin	ppm	ASTM D5185m		0		
	Vanadium	ppm	ASTM D5185m		0		
	Cadmium	ppm	ASTM D5185m		<1		
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m		0		
	Barium	ppm	ASTM D5185m		9		
	Molybdenum	ppm	ASTM D5185m		1		
	Manganese	ppm	ASTM D5185m		1		
	Magnesium	ppm	ASTM D5185m		18		
	Calcium	ppm	ASTM D5185m		65		
	Phosphorus	maa	ASTM D5185m				
	Phosphorus Zinc	ppm mqq	ASTM D5185m ASTM D5185m		666		
	Phosphorus Zinc Sulfur	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m				
	Zinc	ppm ppm	ASTM D5185m	limit/base	666 39 593		
	Zinc Sulfur	ppm ppm	ASTM D5185m ASTM D5185m		666 39 593		
	Zinc Sulfur CONTAMINANTS	ppm ppm	ASTM D5185m ASTM D5185m method		666 39 593 current	 history1	
	Zinc Sulfur CONTAMINANTS Silicon	ppm ppm S ppm	ASTM D5185m ASTM D5185m method ASTM D5185m	>15	666 39 593 <u>current</u> ▲ 94	 history1	
	Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m	>15	666 39 593 <u>current</u> ▲ 94 0 3	 history1 	 history2
	Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20	666 39 593 <u>current</u> ▲ 94 0 3	 history1 	 history2
	Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m Method	>15 >20 limit/base	666 39 593 current ▲ 94 0 3 3 current	 history1 history1	 history2 history2
	Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm ppm scalar	ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m *Visual	>15 >20 limit/base NONE	666 39 593 <u>current</u> ▲ 94 0 3 <u>current</u> NONE	 history1 history1 	 history2 history2
	Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method *Visual	>15 >20 limit/base NONE NONE	666 39 593 <u>current</u> ▲ 94 0 3 <u>current</u> NONE NONE	 history1 history1 	 history2 history2
	Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method *Visual *Visual	>15 >20 limit/base NONE NONE NONE	666 39 593 <u>current</u> ▲ 94 0 3 <u>current</u> NONE NONE NONE NONE	 history1 history1 history1	 history2
	Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE NONE	666 39 593 current ▲ 94 0 3 current NONE NONE NONE NONE NONE NONE NONE	 history1 history1 	 history2 history2 history2
	Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE NONE	666 39 593 <u>current</u> 94 0 3 <u>current</u> NONE NONE NONE NONE NONE NONE	 history1 history1 history1 	 history2 history2
	Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance	ppm ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE NONE NONE NONE	666 39 593 Current ▲ 94 0 3 Current NONE NONE NONE NONE NONE NONE NONE NONE NONE	 history1 history1 history1 	 history2 history2 history2
	Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE NONE	666 39 593 <u>current</u> 94 0 3 <u>current</u> NONE NONE NONE NONE NONE NONE	 history1 history1 history1 	 history2

Contact/Location: SHOP ? - GREGRETN



OIL ANALYSIS REPORT

