

No relevant graphs to display

monitor.

been noted. Resample at the next service interval to

RECOMMENDATION	PROBLEMATIC TEST RESULTS			
Oil and filter change at the time of sampling has	Sample Status	ABNORMAL	ABNORMAL	

Base Number (BN) mg KOH/g ASTM D2896 8.5 A 3.7

Customer Id: JAMELI Sample No.: JR0165712 Lab Number: 05966066 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

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

RECOMMENDED	ACTIONS			
Action	Status	Date	Done By	Description
Change Fluid			?	Oil and filter change at the time of sampling has been noted.
Change Filter			?	Oil and filter change at the time of sampling has been noted.

HISTORICAL DIAGNOSIS



29 Sep 2023 Diag: Don Baldridge

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN level is low. The condition of the oil is acceptable for the time in service.





OIL ANALYSIS REPORT

Sample Rating Trend

DEGRADATION

WIRTGEN WR240i 10WR-1175

Diesel Engine

Fluid DIESEL ENGINE OIL SAE 15W40 (--- GAL)

DIAGNOSIS

A Recommendation

Oil and filter change at the time of sampling has been noted. 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 BN level is low. The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		JR0165712	JR0165711	
Sample Date		Client Info		30 Sep 2023	29 Sep 2023	
Machine Age	hrs	Client Info		5954	5954	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Changed	
Sample Status				ABNORMAL	ABNORMAL	
CONTAMINATION	١	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	
Glycol		WC Method		NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	87	87	
Chromium	ppm	ASTM D5185m	>20	5	5	
Nickel	ppm	ASTM D5185m	>4	<1	<1	
Titanium	ppm	ASTM D5185m		<1	<1	
Silver	ppm	ASTM D5185m	>3	0	0	
Aluminum	ppm	ASTM D5185m		8	7	
Lead	ppm	ASTM D5185m	>40	8	8	
Copper	ppm	ASTM D5185m		5	5	
		ASTM D5185m	>15	1	1	
lin	DDIII					
	mqq mqq	ASTM D5185m		0	0	
Tin Vanadium Cadmium	ppm ppm	ASTM D5185m ASTM D5185m		0 0	0 0	
Vanadium	ppm		limit/base	-		
Vanadium Cadmium ADDITIVES	ppm	ASTM D5185m	limit/base 250	0	0	
Vanadium Cadmium ADDITIVES Boron	ppm ppm	ASTM D5185m method		0 current	0 history1	
Vanadium Cadmium ADDITIVES Boron Barium	ppm ppm	ASTM D5185m method ASTM D5185m	250	0 current 32	0 history1 33	 history2
Vanadium Cadmium ADDITIVES Boron Barium Molybdenum	ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m	250 10	0 current 32 0	0 history1 33 0	 history2
Vanadium Cadmium	ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m	250 10	0 current 32 0 104	0 history1 33 0 103	 history2
Vanadium Cadmium ADDITIVES Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	250 10 100	0 current 32 0 104 2	0 history1 33 0 103 2	 history2
Vanadium Cadmium ADDITIVES Boron Barium Molybdenum Manganese	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	250 10 100 450	0 current 32 0 104 2 570	0 history1 33 0 103 2 567	 history2
Vanadium Cadmium ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	250 10 100 450 3000	0 current 32 0 104 2 570 1697	0 history1 33 0 103 2 567 1690	 history2
Vanadium Cadmium ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	250 10 100 450 3000 1150	0 current 32 0 104 2 570 1697 1093	0 history1 33 0 103 2 567 1690 1089	 history2
Vanadium Cadmium ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	250 10 100 450 3000 1150 1350	0 current 32 0 104 2 570 1697 1093 1370	0 history1 33 0 103 2 567 1690 1089 1361	 history2
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Vanadium Cadmium ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	250 10 100 450 3000 1150 1350 4250 limit/base >25	0 current 32 0 104 2 570 1697 1093 1370 2971 current	0 history1 33 0 103 2 567 1690 1089 1361 2939 history1	 history2 history2
Vanadium Cadmium ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	250 10 100 450 3000 1150 1350 4250 limit/base >25 >158	0 current 32 0 104 2 570 1697 1093 1370 2971 current 22	0 history1 33 0 103 2 567 1690 1089 1361 2939 history1 22	 history2 history2
Vanadium Cadmium ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m	250 10 100 450 3000 1150 1350 4250 limit/base >25 >158	0 current 32 0 104 2 570 1697 1093 1370 2971 current 22 6	0 history1 33 0 103 2 567 1690 1089 1361 2939 history1 22 6	 history2 history2
Vanadium Cadmium ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium INFRA-RED	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m	250 10 100 450 3000 1150 1350 4250 limit/base >25 >158 >20	0 current 32 0 104 2 570 1697 1093 1370 2971 current 22 6 2	0 history1 33 0 103 2 567 1690 1089 1361 2939 history1 22 6 3	 history2 history2 history2
Vanadium Cadmium ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m	250 10 100 450 3000 1150 1350 4250 Iimit/base >25 >158 >20 Iimit/base >3	0 current 32 0 104 2 570 1697 1093 1370 2971 current 22 6 2 Current	0 history1 33 0 103 2 567 1690 1089 1361 2939 history1 22 6 3 3	 history2 history2 history2
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OIL ANALYSIS REPORT

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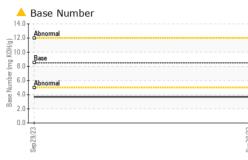
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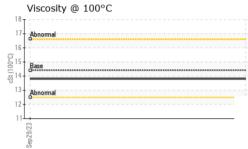
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VISUAL





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