



# OIL ANALYSIS REPORT

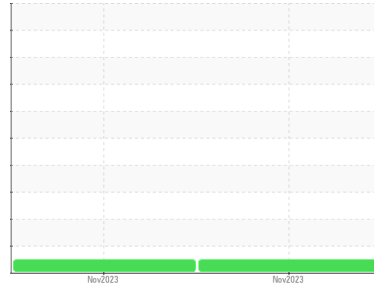
Sample Rating Trend

**NORMAL**



Machine Id  
**2023-RR1 S21 - WC BELGIUM**

Component  
**Oil**  
Fluid  
**NOT GIVEN (--- GAL)**



## DIAGNOSIS

**Recommendation**  
This is a baseline read-out on the submitted sample.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC06010450</b>	WC06010449	---
Sample Date	Client Info			<b>09 Nov 2023</b>	08 Nov 2023	---
Machine Age	hrs	Client Info		<b>0</b>	0	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed	Client Info			<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method			<b>NEG</b>	NEG	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	<b>48</b>	47	---
Chromium	ppm	ASTM D5185m	>20	<b>47</b>	46	---
Nickel	ppm	ASTM D5185m	>20	<b>46</b>	46	---
Titanium	ppm	ASTM D5185m		<b>47</b>	47	---
Silver	ppm	ASTM D5185m		<b>45</b>	45	---
Aluminum	ppm	ASTM D5185m	>20	<b>46</b>	45	---
Lead	ppm	ASTM D5185m	>20	<b>46</b>	45	---
Copper	ppm	ASTM D5185m	>20	<b>53</b>	52	---
Tin	ppm	ASTM D5185m	>20	<b>45</b>	45	---
Vanadium	ppm	ASTM D5185m		<b>47</b>	46	---
Cadmium	ppm	ASTM D5185m		<b>46</b>	45	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>42</b>	40	---
Barium	ppm	ASTM D5185m		<b>45</b>	45	---
Molybdenum	ppm	ASTM D5185m		<b>47</b>	46	---
Manganese	ppm	ASTM D5185m		<b>49</b>	48	---
Magnesium	ppm	ASTM D5185m		<b>46</b>	45	---
Calcium	ppm	ASTM D5185m		<b>53</b>	53	---
Phosphorus	ppm	ASTM D5185m		<b>195</b>	192	---
Zinc	ppm	ASTM D5185m		<b>38</b>	38	---
Sulfur	ppm	ASTM D5185m		<b>12163</b>	12091	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	<b>50</b>	49	---
Sodium	ppm	ASTM D5185m		<b>45</b>	44	---
Potassium	ppm	ASTM D5185m	>20	<b>48</b>	48	---

## SAMPLE IMAGES

method	limit/base	current	history1	history2
Color				no image
Bottom				no image



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## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC06010450 **Received** : 16 Nov 2023  
**Lab Number** : 06010450 **Diagnosed** : 29 Nov 2023  
**Unique Number** : 10749594 **Diagnostician** : Doug Bogart  
**Test Package** : TEST ( Additional Tests: ICP )

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)

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