

# AT1169 - FRONT LEFT FINAL DRIVE

**Sample No:** WC0921986

**Oil Type:** SHELL OMALA S4 G

## SAMPLE INFORMATION


Sample Number	<b>WC0921986</b>	---	---	---
Sample Date	<b>14 Mar 2024</b>	---	---	---
Machine Hours	<b>4031</b>	---	---	---
Oil Hours	<b>0</b>	---	---	---
Oil Changed	<b>N/A</b>	---	---	---
Sample Status	<b>ATTENTION</b>	---	---	---

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## OIL CONDITION

Visc @ 40°C    cSt     **153**    ---    ---    ---








## CONTAMINATION

Water	%	<b>NEG</b>	---	---	---
Silicon	ppm	 <b>13</b>	---	---	---
Sodium	ppm	 <b>0</b>	---	---	---
Potassium	ppm	 <b>1</b>	---	---	---

## Diagnosis

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 oil viscosity is lower than normal. Confirm oil type.

## WEAR METALS

Iron	ppm	 <b>326</b>	---	---	---
Copper	ppm	 <b>9</b>	---	---	---
Lead	ppm	 <b>&lt;1</b>	---	---	---
Tin	ppm	 <b>&lt;1</b>	---	---	---
Aluminum	ppm	 <b>2</b>	---	---	---
Chromium	ppm	 <b>4</b>	---	---	---
Molybdenum	ppm	<b>1</b>	---	---	---
Nickel	ppm	 <b>2</b>	---	---	---
Titanium	ppm	<b>&lt;1</b>	---	---	---
Silver	ppm	<b>0</b>	---	---	---
Manganese	ppm	<b>3</b>	---	---	---
Vanadium	ppm	<b>&lt;1</b>	---	---	---

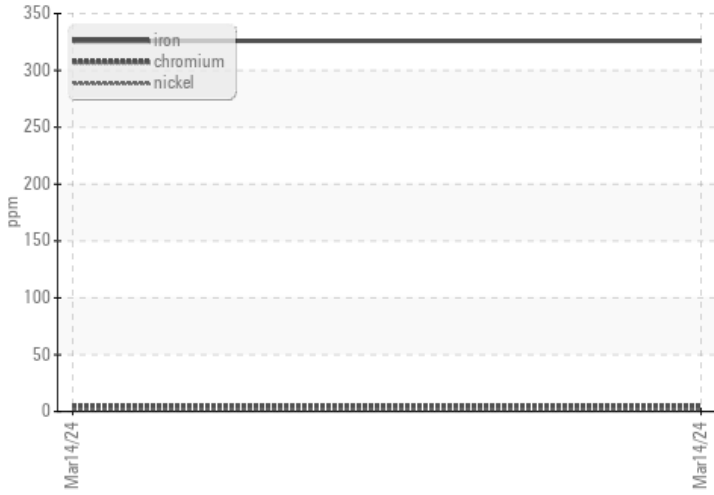
## ADDITIVES

Calcium	ppm	<b>69</b>	---	---	---
Magnesium	ppm	<b>3</b>	---	---	---
Zinc	ppm	<b>68</b>	---	---	---
Phosphorus	ppm	<b>334</b>	---	---	---
Barium	ppm	<b>0</b>	---	---	---
Boron	ppm	<b>14</b>	---	---	---

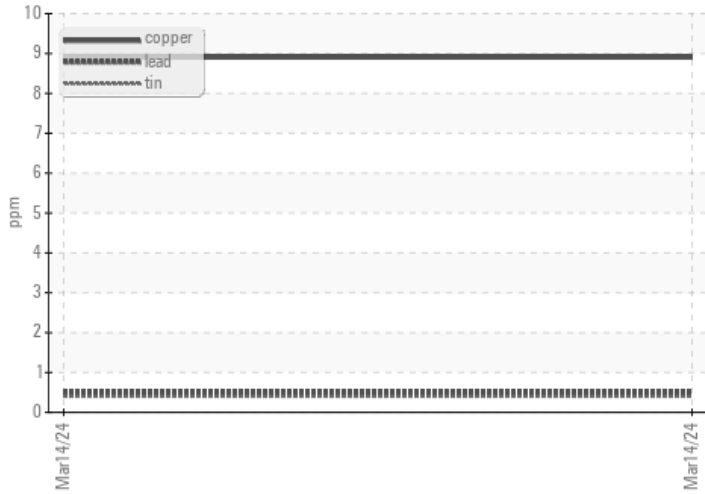
**Depot:** TARRAL  
**Unique No:** 10938249  
**Signed:** Don Baldrige  
**Report Date:** 23 Mar 2024

# GRAPHS

## Ferrous Alloys



## Non-ferrous Metals



## ● Viscosity @ 40°C

