

AT1169 - FRONT RIGHT FINAL DRIVE

Sample No: WC0921985

Oil Type: SHELL OMALA S4 G

SAMPLE INFORMATION

Sample Number	WC0921985	---	---	---
Sample Date	14 Mar 2024	---	---	---
Machine Hours	4031	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C cSt **325** --- --- ---

CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	1	---	---	---

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 condition of the oil is acceptable for the time in service.

WEAR METALS

Iron	ppm	308	---	---	---
Copper	ppm	22	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

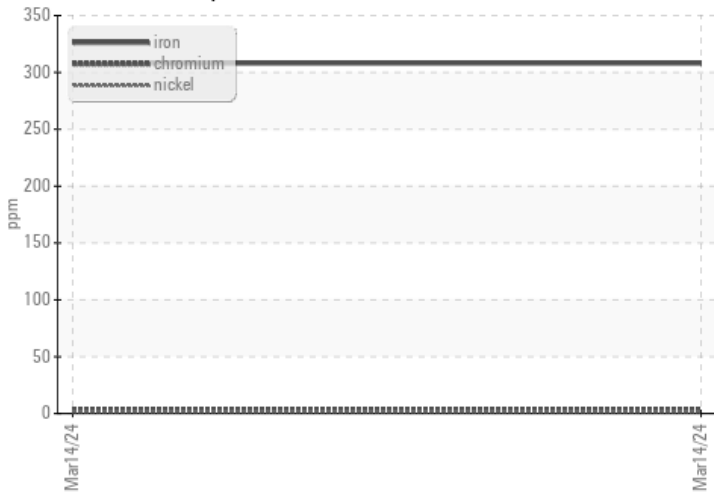
ADDITIVES

Calcium	ppm	12	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	393	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	17	---	---	---

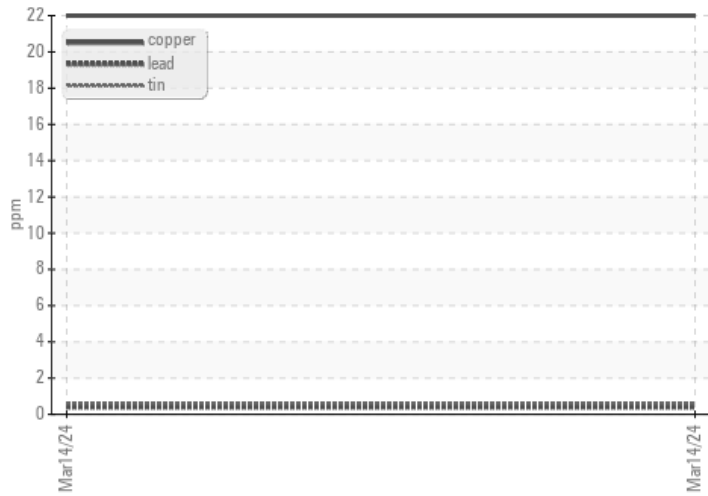
Depot: TARRAL
Unique No: 10938247
Signed: Don Baldrige
Report Date: 23 Mar 2024

GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

