

AT1169 - REAR RIGHT FINAL DRIVE

Sample No: WC0921983

Oil Type: SHELL OMALA S4 G

SAMPLE INFORMATION

Sample Number	WC0921983	---	---	---
Sample Date	14 Mar 2024	---	---	---
Machine Hours	4031	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C cSt ● 226 --- --- ---

CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 23	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

WEAR METALS

Iron	ppm	▲ 1082	---	---	---
Copper	ppm	▲ 84	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	▲ 11	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	<1	---	---	---

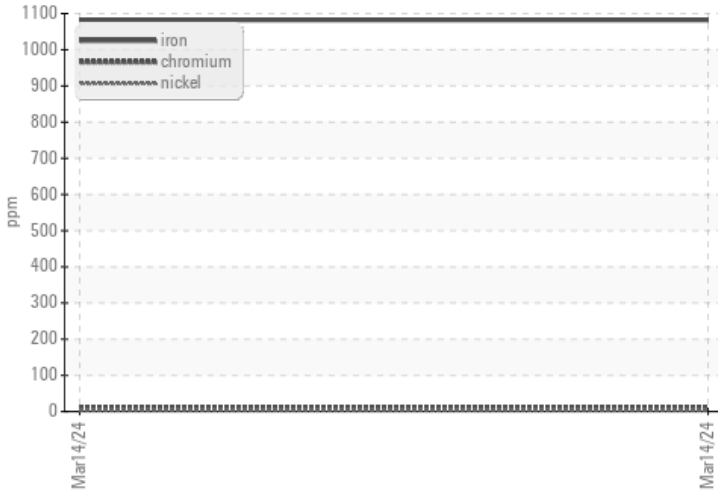
ADDITIVES

Calcium	ppm	19	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	40	---	---	---
Phosphorus	ppm	417	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	28	---	---	---

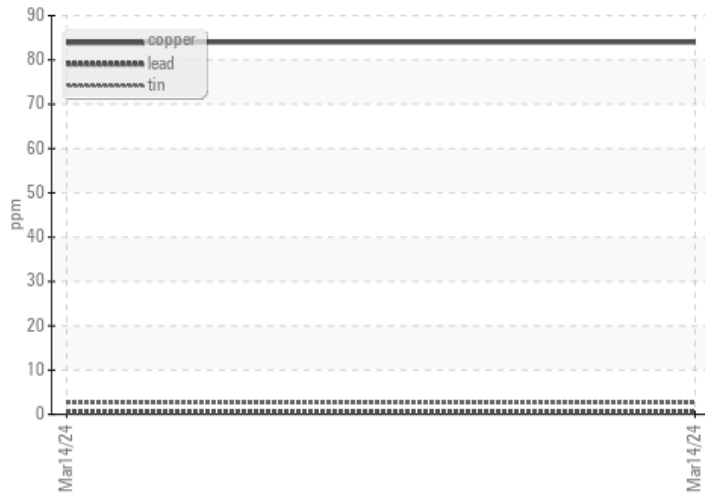
Depot: TARRAL
Unique No: 10938248
Signed: Don Baldrige
Report Date: 23 Mar 2024

GRAPHS

▲ Ferrous Alloys



▲ Non-ferrous Metals



● Viscosity @ 40°C

