MOB II

WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
T001090 (S/N 11-M-03-1412)
Component
Left Final Drive
Fluid
GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

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

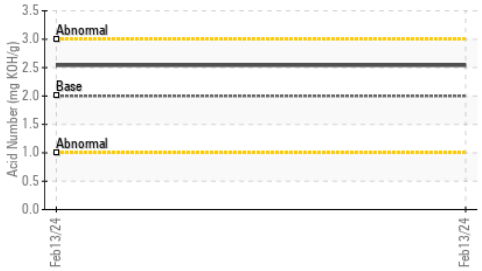
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0832185	---	---
Sample Date		Client Info		13 Feb 2024	---	---
Machine Age	hrs	Client Info		8124	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---
Iron	ppm	ASTM D5185(m)	>500	223	---	---
Chromium	ppm	ASTM D5185(m)	>10	3	---	---
Nickel	ppm	ASTM D5185(m)	>10	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>25	11	---	---
Lead	ppm	ASTM D5185(m)	>25	0	---	---
Copper	ppm	ASTM D5185(m)	>50	<1	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>75	50	---	---
Potassium	ppm	ASTM D5185(m)	>20	4	---	---
Water		WC Method	>0.2	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	VLITE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---
Sodium	ppm	ASTM D5185(m)		3	---	---
Boron	ppm	ASTM D5185(m)	400	92	---	---
Barium	ppm	ASTM D5185(m)	200	0	---	---
Molybdenum	ppm	ASTM D5185(m)	12	0	---	---
Manganese	ppm	ASTM D5185(m)		1	---	---
Magnesium	ppm	ASTM D5185(m)	12	3	---	---
Calcium	ppm	ASTM D5185(m)	150	17	---	---
Phosphorus	ppm	ASTM D5185(m)	1650	870	---	---
Zinc	ppm	ASTM D5185(m)	125	10	---	---
Sulfur	ppm	ASTM D5185(m)	22500	18561	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*	2.00	2.54	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	109	169	---	---

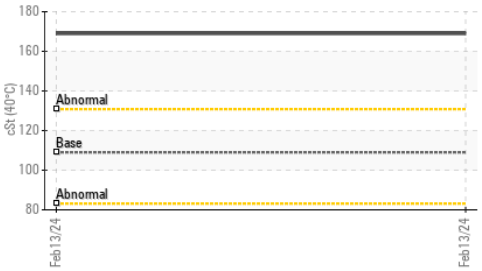
Report Id: RWFWOO [WCAMIS] 02616075 (Generated: 02/19/2024 09:52:35) Rev: 1

Contact/Location: Tami Arnold - RWFWOO

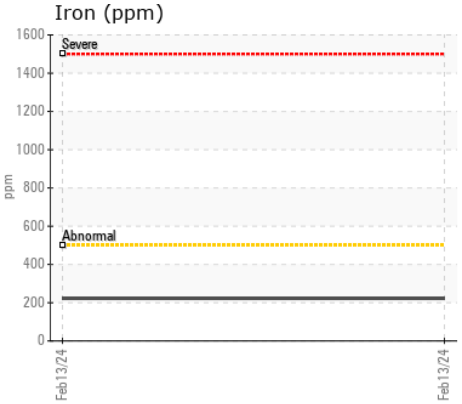
Acid Number



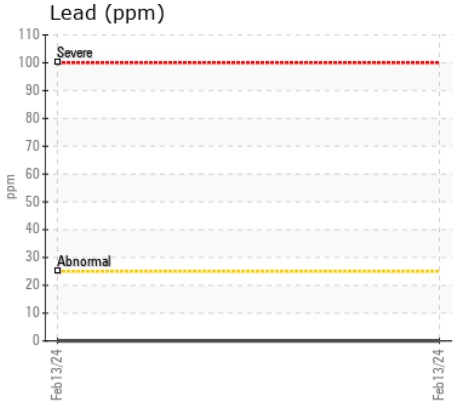
Viscosity @ 40°C



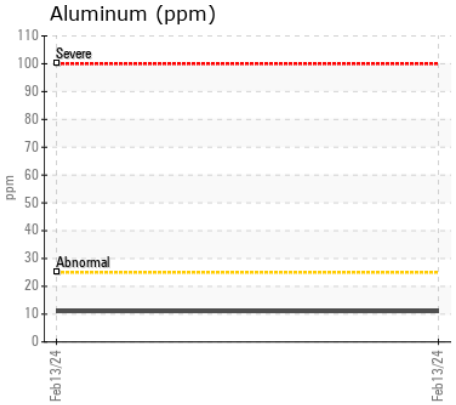
Iron (ppm)



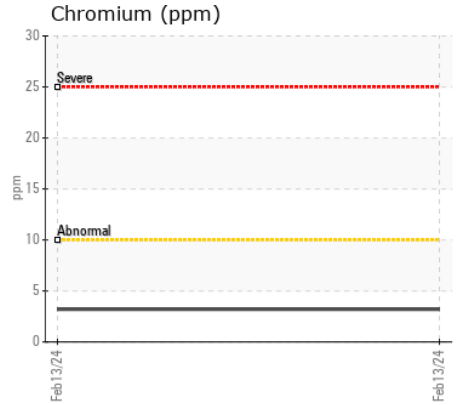
Lead (ppm)



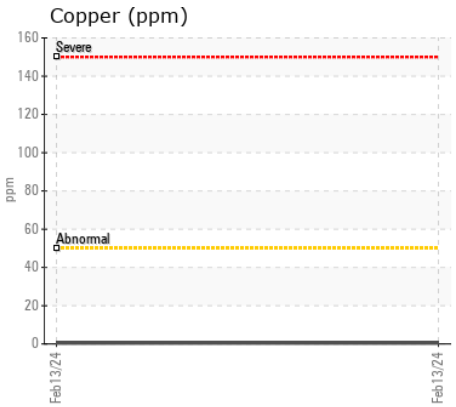
Aluminum (ppm)



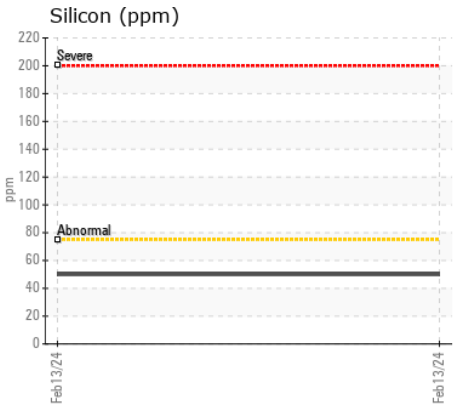
Chromium (ppm)



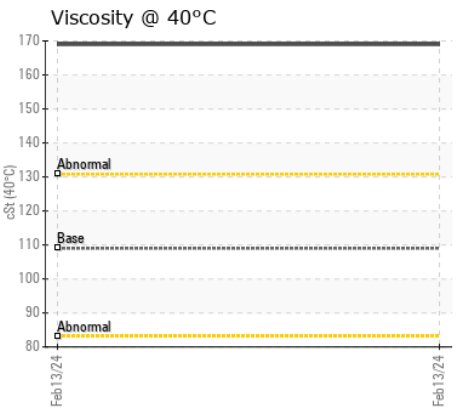
Copper (ppm)



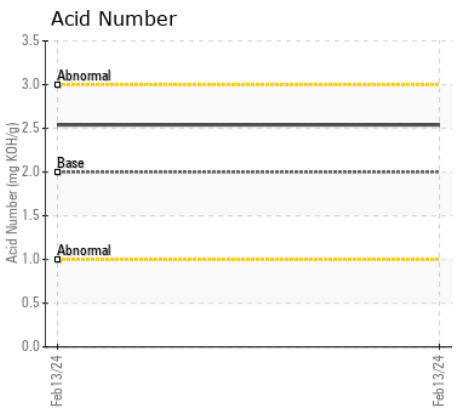
Silicon (ppm)



Viscosity @ 40°C



Acid Number



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0832185 **Received** : 15 Feb 2024
Lab Number : 02616075 **Tested** : 15 Feb 2024
Unique Number : 5733185 **Diagnosed** : 15 Feb 2024 - Wes Davis
Test Package : MOB 2 (Additional Tests: TAN Man)

To discuss this sample report, contact Customer Service at 1-800-268-2131.
Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
Validity of results and interpretation are based on the sample and information as supplied.

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