



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
E4-3162
 Component
Rear Differential
 Fluid
GEAR OIL SAE 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

WEAR

All component wear rates are normal.

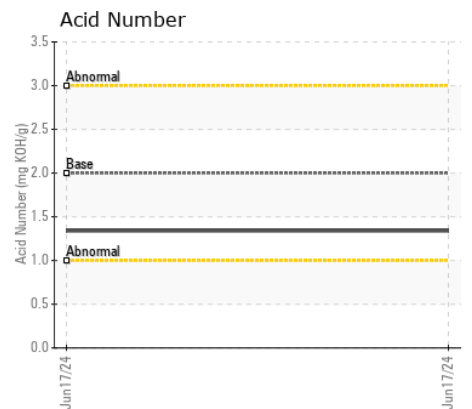
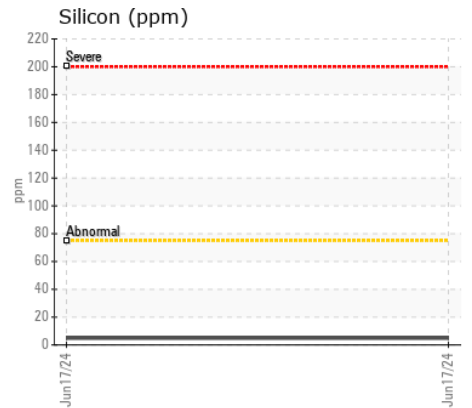
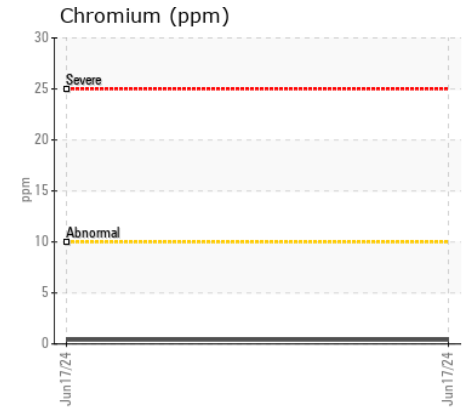
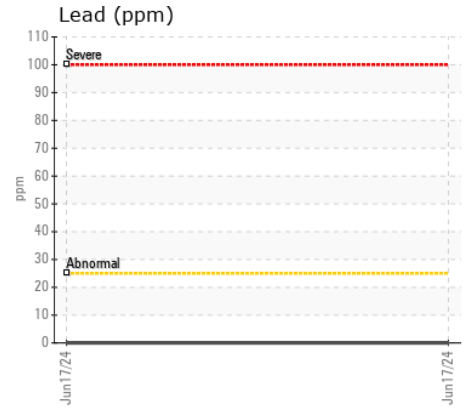
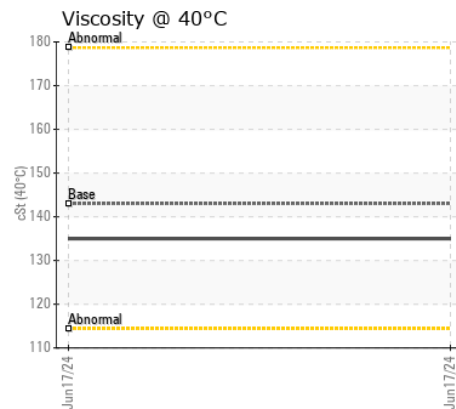
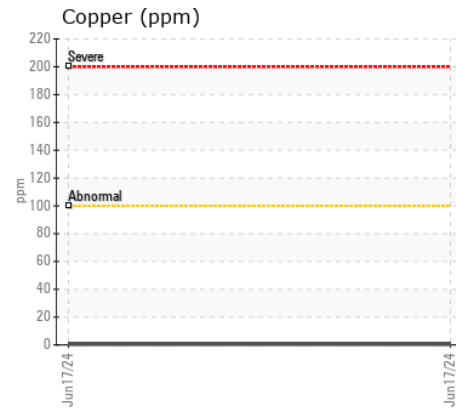
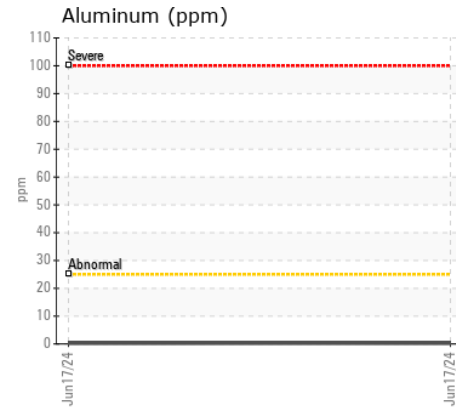
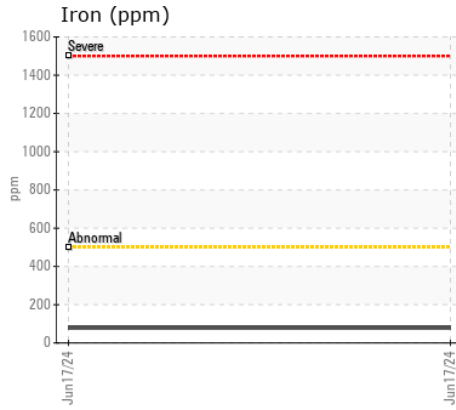
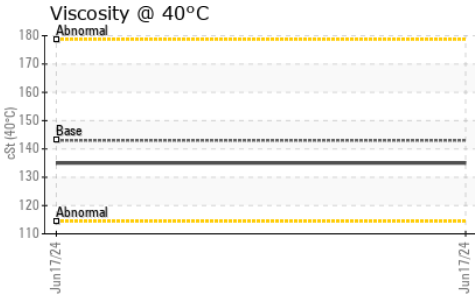
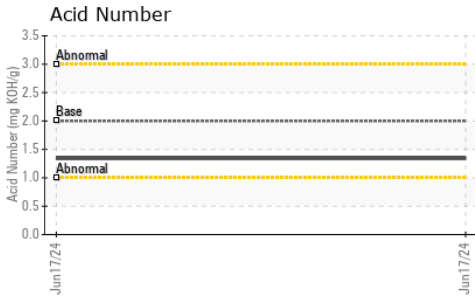
CONTAMINATION

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		WC0933482	---	---
Sample Date		Client Info		17 Jun 2024	---	---
Machine Age	kms	Client Info		35718	---	---
Oil Age	kms	Client Info		21439	---	---
Filter Age	kms	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---
Iron	ppm	ASTM D5185(m)	>500	78	---	---
Chromium	ppm	ASTM D5185(m)	>10	<1	---	---
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	<1	---	---
Lead	ppm	ASTM D5185(m)	>25	0	---	---
Copper	ppm	ASTM D5185(m)	>100	<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	5	---	---
Potassium	ppm	ASTM D5185(m)	>20	4	---	---
Water		WC Method	>.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*	>.2	NEG	---	---
Sodium	ppm	ASTM D5185(m)	>170	3	---	---
Boron	ppm	ASTM D5185(m)	400	152	---	---
Barium	ppm	ASTM D5185(m)	200	2	---	---
Molybdenum	ppm	ASTM D5185(m)	12	<1	---	---
Manganese	ppm	ASTM D5185(m)		3	---	---
Magnesium	ppm	ASTM D5185(m)	12	4	---	---
Calcium	ppm	ASTM D5185(m)	150	12	---	---
Phosphorus	ppm	ASTM D5185(m)	1650	817	---	---
Zinc	ppm	ASTM D5185(m)	125	44	---	---
Sulfur	ppm	ASTM D5185(m)	22500	18234	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*	2.00	1.34	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	143	135	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0933482 **Received** : 20 Jun 2024
Lab Number : 02643258 **Tested** : 20 Jun 2024
Unique Number : 5800797 **Diagnosed** : 20 Jun 2024 - Wes Davis
Test Package : MOB 2 (Additional Tests: TAN Man)

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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.