



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ABNORMAL

Area
[397313]
 Machine Id
CASE 621G 246951
 Component
Hydraulic System
 Fluid
CASE CASE IH HY-TRAN ULTRA (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0904820	---	---
Sample Date		Client Info		04 Jan 2024	---	---
Machine Age	hrs	Client Info		4125	---	---
Oil Age	hrs	Client Info		200	---	---
Filter Age	hrs	Client Info		200	---	---
Oil Changed		Client Info		Not Changed	---	---
Filter Changed		Client Info		Not Changed	---	---
Sample Status				ABNORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>65	6	---	---
Chromium	ppm	ASTM D5185(m)	>6	0	---	---
Nickel	ppm	ASTM D5185(m)	>10	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>5	1	---	---
Lead	ppm	ASTM D5185(m)	>45	1	---	---
Copper	ppm	ASTM D5185(m)	>120	6	---	---
Tin	ppm	ASTM D5185(m)	>4	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

The water content is negligible. There is no indication of any contamination in the component(unconfirmed).

Silicon	ppm	ASTM D5185(m)	>25	6	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Water	%	ASTM D6304*	>0.1	0.036	---	---
ppm Water	ppm	ASTM D6304*	>1000	365	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	VLITE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---

FLUID CONDITION

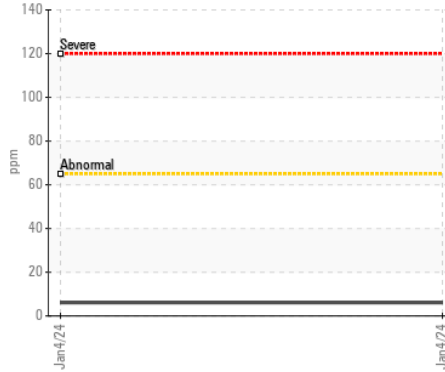
The oil viscosity is higher than typical. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		4	---	---
Boron	ppm	ASTM D5185(m)		99	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Magnesium	ppm	ASTM D5185(m)		13	---	---
Calcium	ppm	ASTM D5185(m)		3461	---	---
Phosphorus	ppm	ASTM D5185(m)		685	---	---
Zinc	ppm	ASTM D5185(m)	0.0	47	---	---
Sulfur	ppm	ASTM D5185(m)		2743	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	40	▲ 53.8	---	---

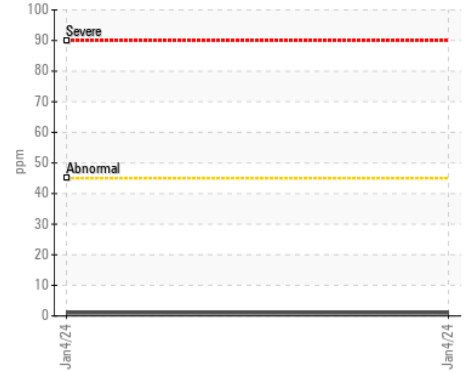
▲ Viscosity @ 40°C



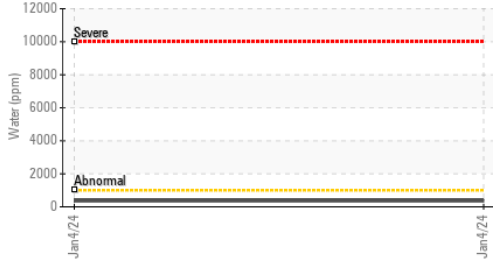
Iron (ppm)



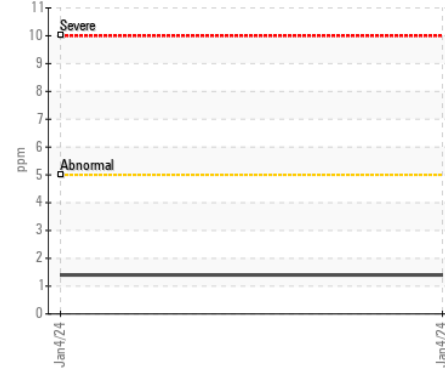
Lead (ppm)



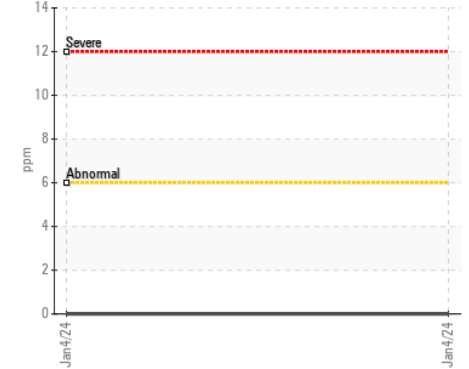
Water (KF)



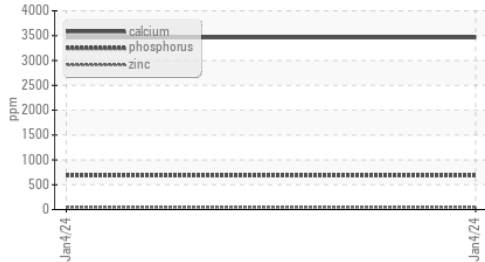
Aluminum (ppm)



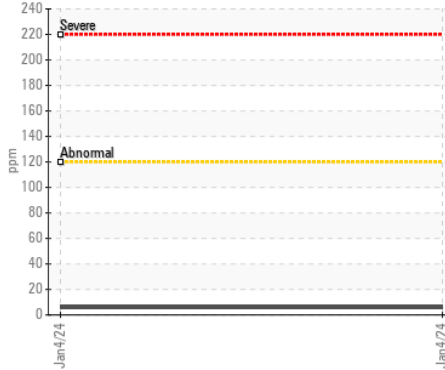
Chromium (ppm)



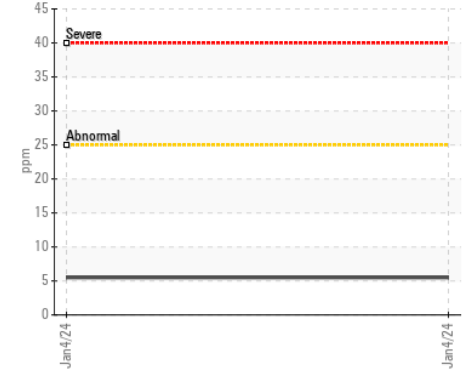
Additives



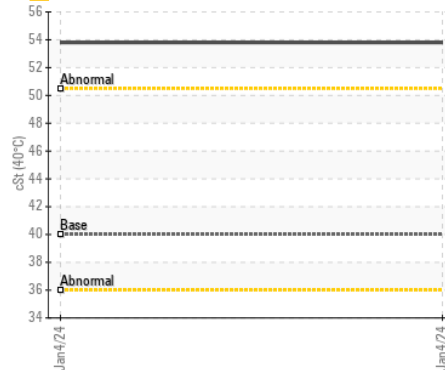
Copper (ppm)



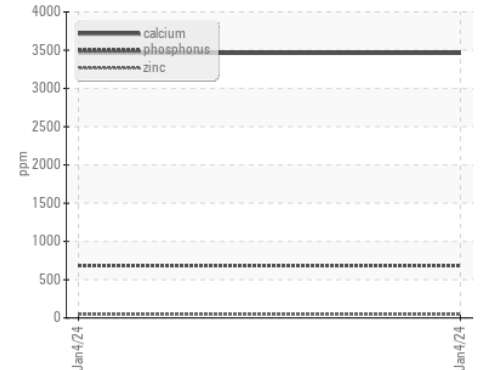
Silicon (ppm)



▲ Viscosity @ 40°C



Additives



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0904820 **Received** : 06 Mar 2024
Lab Number : 02620229 **Tested** : 08 Mar 2024
Unique Number : 5737339 **Diagnosed** : 08 Mar 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: KF)

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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