

Machine Id
HAMM 202-1500
Component
Rear Left Differential
Fluid
GEAR OIL ISO 220 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

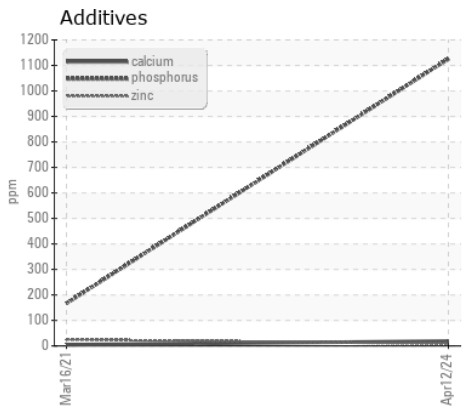
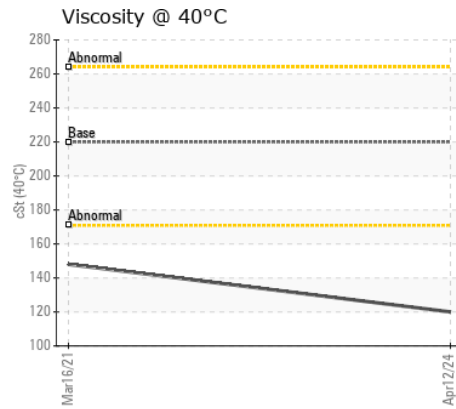
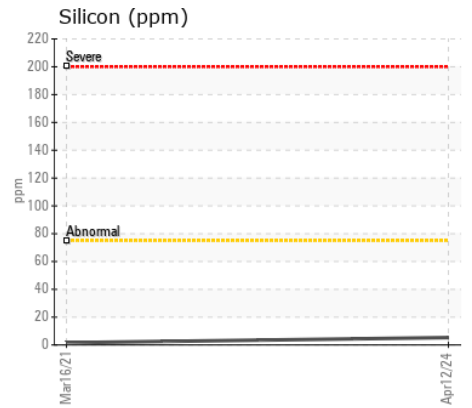
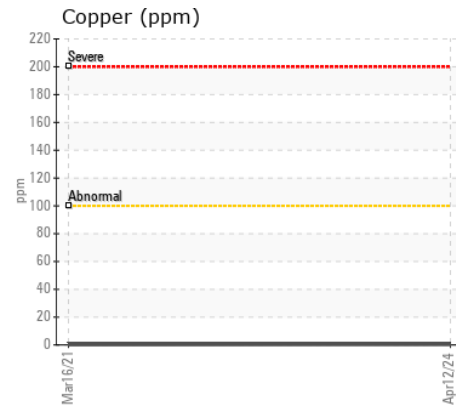
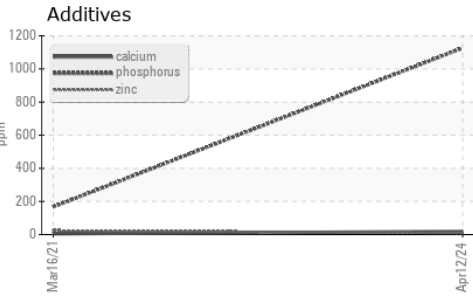
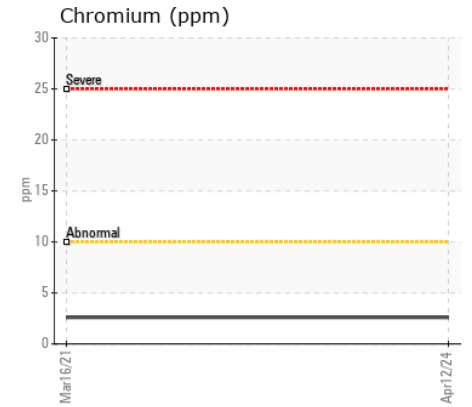
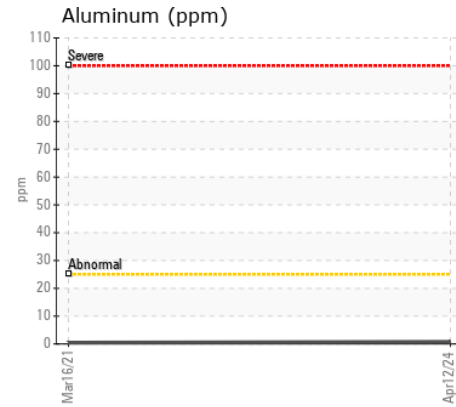
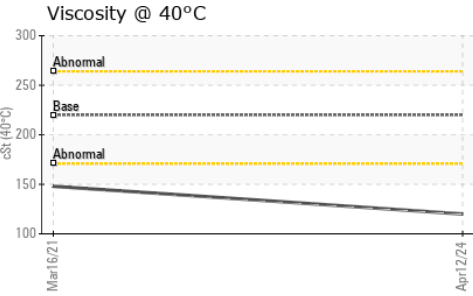
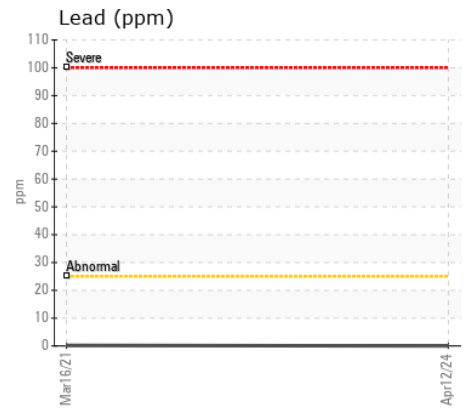
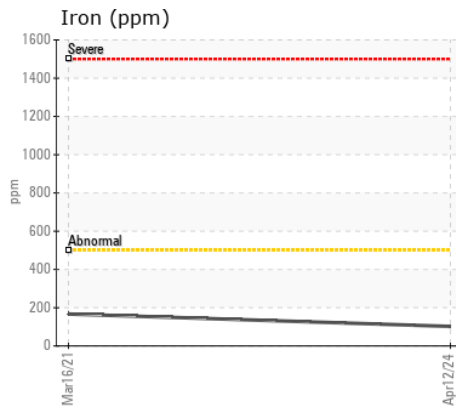
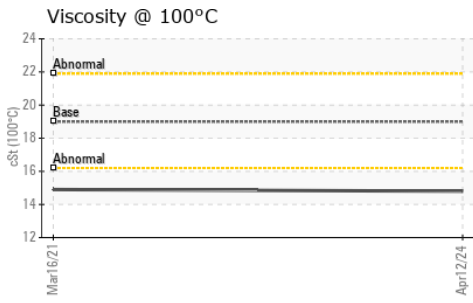
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0088641	PC0042954	---
Sample Date		Client Info		12 Apr 2024	16 Mar 2021	---
Machine Age	hrs	Client Info		5006	3218	---
Oil Age	hrs	Client Info		500	500	---
Filter Age	hrs	Client Info		500	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Not Changed	N/A	---
Sample Status				NORMAL	NORMAL	---
Iron	ppm	ASTM D5185(m)	>500	102	167	---
Chromium	ppm	ASTM D5185(m)	>10	3	3	---
Nickel	ppm	ASTM D5185(m)	>10	<1	<1	---
Titanium	ppm	ASTM D5185(m)		<1	<1	---
Silver	ppm	ASTM D5185(m)		0	<1	---
Aluminum	ppm	ASTM D5185(m)	>25	<1	<1	---
Lead	ppm	ASTM D5185(m)	>25	0	<1	---
Copper	ppm	ASTM D5185(m)	>100	<1	<1	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	VLITE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185(m)	>75	5	2	---
Potassium	ppm	ASTM D5185(m)	>20	1	3	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	LTMOD	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>.2	NEG	NEG	---
Sodium	ppm	ASTM D5185(m)		1	2	---
Boron	ppm	ASTM D5185(m)	50	189	2	---
Barium	ppm	ASTM D5185(m)	15	<1	<1	---
Molybdenum	ppm	ASTM D5185(m)	15	0	<1	---
Manganese	ppm	ASTM D5185(m)		2	6	---
Magnesium	ppm	ASTM D5185(m)	50	8	3	---
Calcium	ppm	ASTM D5185(m)	50	19	5	---
Phosphorus	ppm	ASTM D5185(m)	350	1126	167	---
Zinc	ppm	ASTM D5185(m)	100	9	25	---
Sulfur	ppm	ASTM D5185(m)	12500	22603	29537	---
Visc @ 40°C	cSt	ASTM D7279(m)	220	120	148	---
Visc @ 100°C	cSt	ASTM D7279(m)	19.0	14.8	14.9	---
Viscosity Index (VI)	Scale	ASTM D2270*	96	126	100	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088641 **Received** : 17 May 2024
Lab Number : 02636399 **Tested** : 17 May 2024
Unique Number : 5785561 **Diagnosed** : 17 May 2024 - Wes Davis
Test Package : MOB 1 (Additional Tests: KV100, VI)

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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