

Area
[AFTER]
 Machine Id
MANITOU 1080873
 Component
Hydraulic System
 Fluid
AW HYDRAULIC OIL ISO 46 (--- GAL)

RECOMMENDATION

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.

WEAR

All component wear rates are normal.

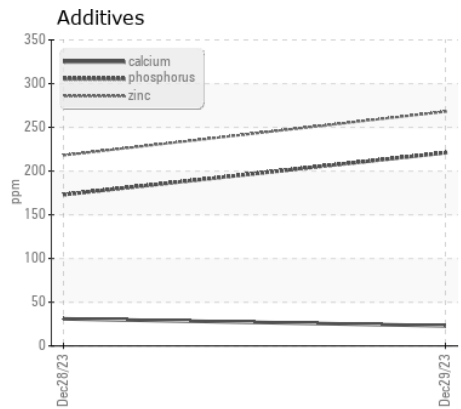
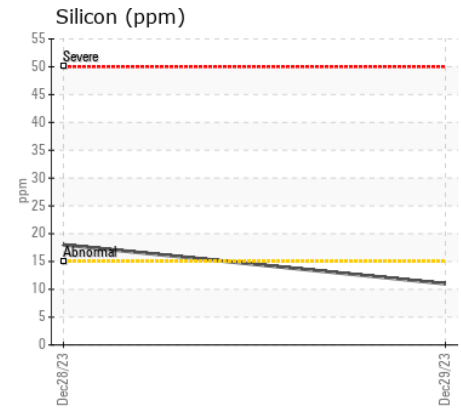
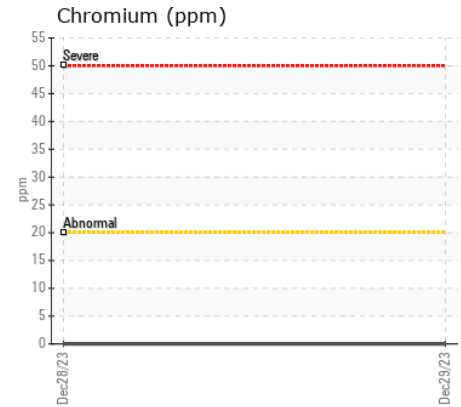
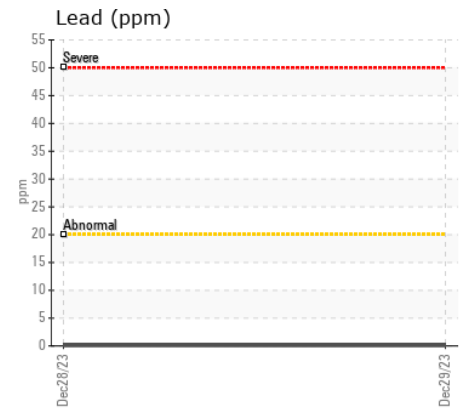
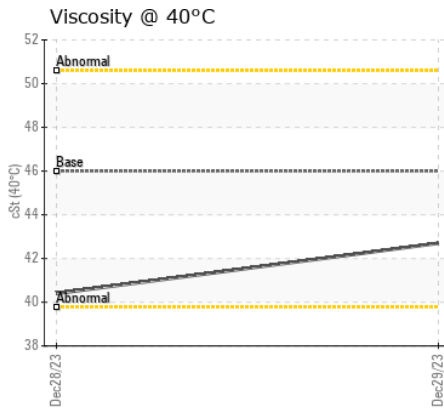
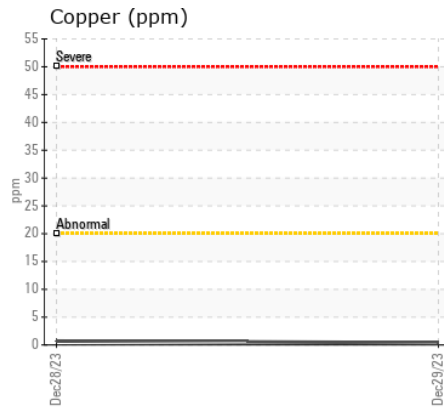
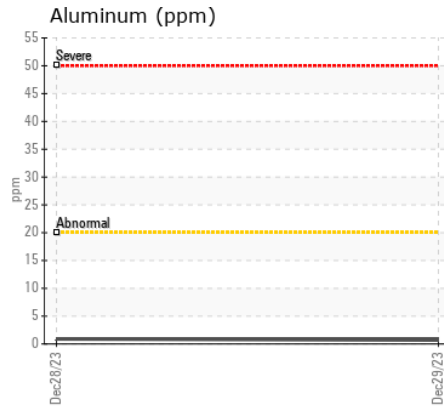
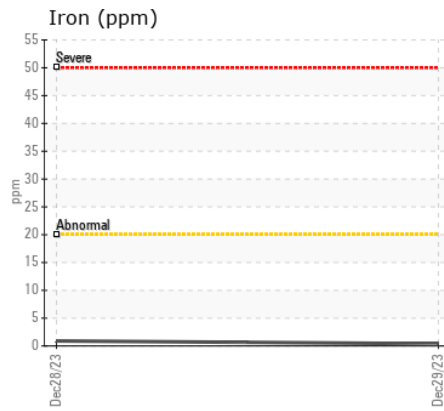
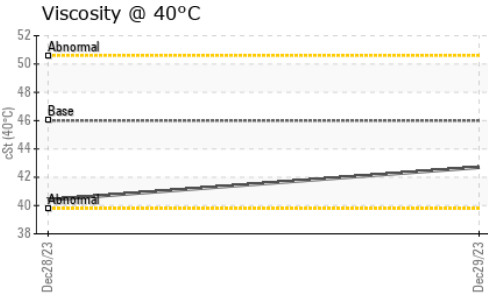
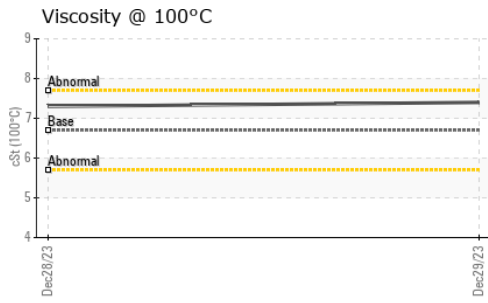
CONTAMINATION

There is no indication of any contamination in the component(unconfirmed).

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		PC0078218	PC0078221	---
Sample Date		Client Info		29 Dec 2023	28 Dec 2023	---
Machine Age	hrs	Client Info		113	113	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---
Iron	ppm	ASTM D5185(m)	>20	<1	<1	---
Chromium	ppm	ASTM D5185(m)	>20	0	0	---
Nickel	ppm	ASTM D5185(m)	>20	<1	<1	---
Titanium	ppm	ASTM D5185(m)		0	0	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>20	<1	<1	---
Lead	ppm	ASTM D5185(m)	>20	<1	<1	---
Copper	ppm	ASTM D5185(m)	>20	<1	<1	---
Tin	ppm	ASTM D5185(m)	>20	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185(m)	>15	11	18	---
Potassium	ppm	ASTM D5185(m)	>20	0	0	---
Water		WC Method	>0.05	NEG	NEG	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
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*	>0.05	NEG	NEG	---
Sodium	ppm	ASTM D5185(m)		0	0	---
Boron	ppm	ASTM D5185(m)	5	<1	<1	---
Barium	ppm	ASTM D5185(m)	5	0	0	---
Molybdenum	ppm	ASTM D5185(m)	5	0	0	---
Manganese	ppm	ASTM D5185(m)		0	0	---
Magnesium	ppm	ASTM D5185(m)	25	31	<1	---
Calcium	ppm	ASTM D5185(m)	200	23	31	---
Phosphorus	ppm	ASTM D5185(m)	300	221	173	---
Zinc	ppm	ASTM D5185(m)	370	268	218	---
Sulfur	ppm	ASTM D5185(m)	2500	2569	4517	---
Visc @ 40°C	cSt	ASTM D7279(m)	46	42.7	40.4	---
Visc @ 100°C	cSt	ASTM D7279(m)	6.7	7.4	7.3	---
Viscosity Index (VI)	Scale	ASTM D2270*	97	138	146	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0078218 **Recieved** : 04 Jan 2024
Lab Number : 02606588 **Diagnosed** : 04 Jan 2024
Unique Number : 5707674 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: KV100, VI)

J. RENE LAFOND INC
 3203 CHEM. CHARLES - LEONARD
 MIRABEL, QC
 CA J7N 2Y7
 Contact: Service Manager
 epoirier@jrenelafond.com

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.

T:
F: