



OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
(L603988) CAPLAN

Machine Id
#825078

Component
Center Left Hydraulic System

Fluid
AW HYDRAULIC OIL ISO 32 (208 LTR)

DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) AW HYDRAULIC OIL ISO 32. Veuillez confirmer. (Customer Sample Comment:
Top Up Amount: 20 LTR)

Wear

Les taux d'usure de tous les composants sont normaux.

Contamination

La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable.

Fluid Condition

L'état de l'huile est acceptable pour la durée de service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0113444	---	---
Sample Date	Client Info	05 Jul 2024	---	---
Machine Age	hrs Client Info	12161	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	Oil Added	---	---
Sample Status		NORMAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >20	4	---	---
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) >10	<1	---	---
Lead	ppm ASTM D5185(m) >10	0	---	---
Copper	ppm ASTM D5185(m) >75	<1	---	---
Tin	ppm ASTM D5185(m) >10	0	---	---
Antimony	ppm ASTM D5185(m)	0	---	---
Vanadium	ppm ASTM D5185(m)	0	---	---
Beryllium	ppm ASTM D5185(m)	0	---	---
Cadmium	ppm ASTM D5185(m)	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m) 5	2	---	---
Barium	ppm ASTM D5185(m) 5	0	---	---
Molybdenum	ppm ASTM D5185(m) 5	<1	---	---
Manganese	ppm ASTM D5185(m)	0	---	---
Magnesium	ppm ASTM D5185(m) 25	12	---	---
Calcium	ppm ASTM D5185(m) 200	80	---	---
Phosphorus	ppm ASTM D5185(m) 300	399	---	---
Zinc	ppm ASTM D5185(m) 370	504	---	---
Sulfur	ppm ASTM D5185(m) 2500	921	---	---
Lithium	ppm ASTM D5185(m)	<1	---	---

CONTAMINANTS

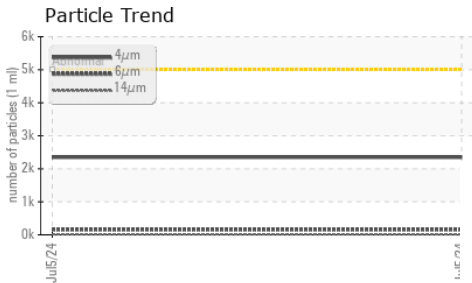
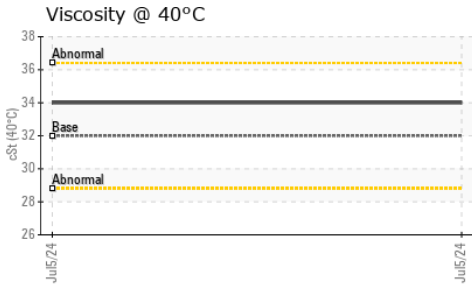
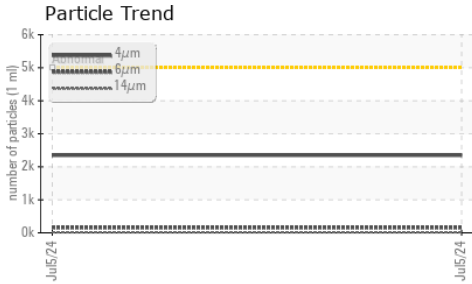
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >20	0	---	---
Sodium	ppm ASTM D5185(m)	<1	---	---
Potassium	ppm ASTM D5185(m) >20	<1	---	---

FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >5000	2348	---	---
Particles >6µm	ASTM D7647 >1300	159	---	---
Particles >14µm	ASTM D7647 >160	16	---	---
Particles >21µm	ASTM D7647 >40	5	---	---
Particles >38µm	ASTM D7647 >10	1	---	---
Particles >71µm	ASTM D7647 >3	0	---	---
Oil Cleanliness	ISO 4406 (c) >19/17/14	18/14/11	---	---



OIL ANALYSIS REPORT



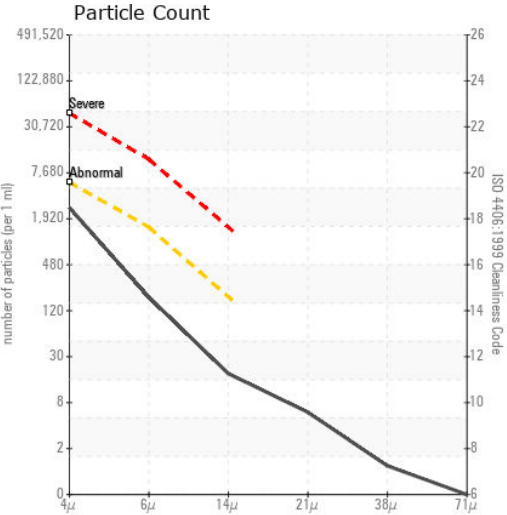
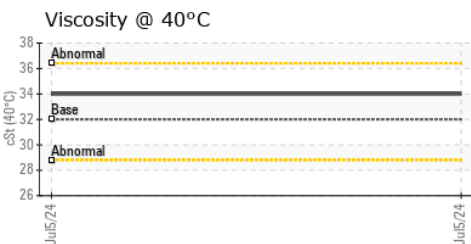
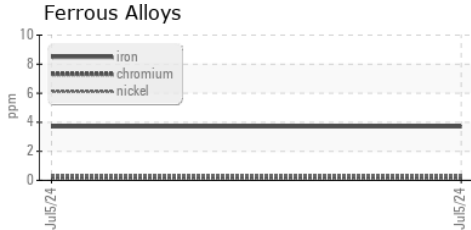
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	32	34.0	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color		no image	no image
Bottom		no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0113444 **Received** : 10 Jul 2024
Lab Number : **02647047** **Tested** : 11 Jul 2024
Unique Number : 5812599 **Diagnosed** : 11 Jul 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: Bottom, PrtCount)

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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