



# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**C2 DISTRIBUTION INC**  
Machine Id  
**B312305**

Component  
**New (Unused) Oil**  
Fluid  
**APRIL SUPERFLO CLEAR AW HYDRAULIC OIL AW 32 (--- GAL)**



## DIAGNOSIS

### Recommendation

Il s'agit du relevé de base de cette huile neuve (inutilisée). Le fluide peut servir.

### Wear

{sans objet}

### Contamination

La propreté du système est acceptable pour votre objectif de propreté ISO 4406. Il n'y a aucun indice de contamination dans le huile (inutilisée) neuve.

### Fluid Condition

Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en l'utilisation.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>ASF0000191</b>	---	---
Sample Date	Client Info	<b>10 Jan 2024</b>	---	---
Machine Age	hrs Client Info	<b>0</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>Not Chngd</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## CONTAMINATION

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

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >5	<b>1</b>	---	---
Chromium	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Nickel	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Titanium	ppm ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Aluminum	ppm ASTM D5185(m) >5	<b>&lt;1</b>	---	---
Lead	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Copper	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Tin	ppm ASTM D5185(m) >5	<b>0</b>	---	---
Antimony	ppm ASTM D5185(m)	<b>0</b>	---	---
Vanadium	ppm ASTM D5185(m)	<b>0</b>	---	---
Beryllium	ppm ASTM D5185(m)	<b>0</b>	---	---
Cadmium	ppm ASTM D5185(m)	<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	<b>27</b>	---	---
Barium	ppm ASTM D5185(m)	<b>0</b>	---	---
Molybdenum	ppm ASTM D5185(m)	<b>13</b>	---	---
Manganese	ppm ASTM D5185(m)	<b>0</b>	---	---
Magnesium	ppm ASTM D5185(m)	<b>259</b>	---	---
Calcium	ppm ASTM D5185(m)	<b>610</b>	---	---
Phosphorus	ppm ASTM D5185(m)	<b>668</b>	---	---
Zinc	ppm ASTM D5185(m)	<b>729</b>	---	---
Sulfur	ppm ASTM D5185(m)	<b>2533</b>	---	---
Lithium	ppm ASTM D5185(m)	<b>&lt;1</b>	---	---

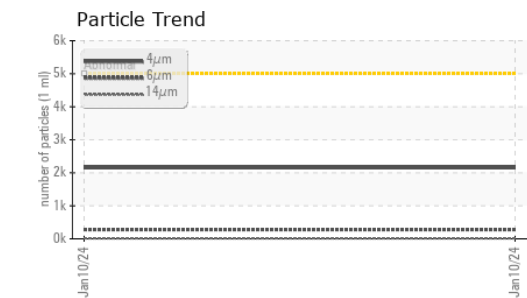
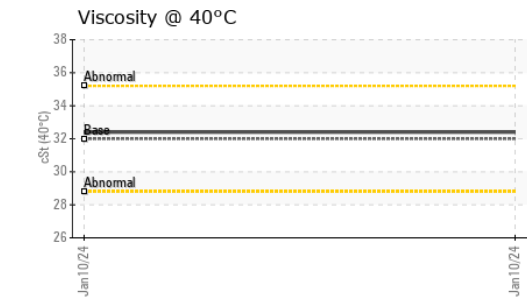
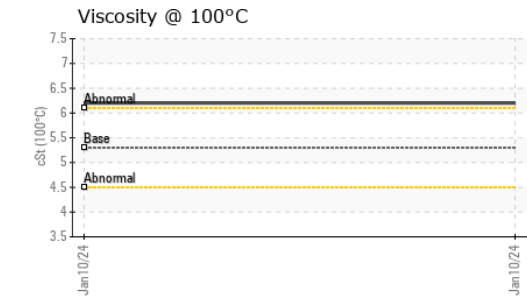
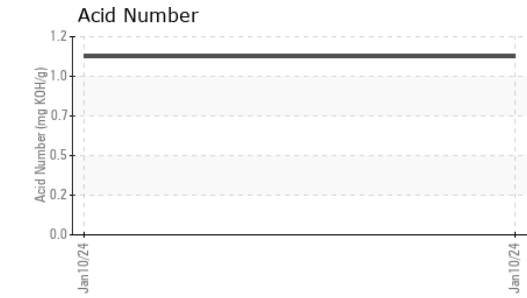
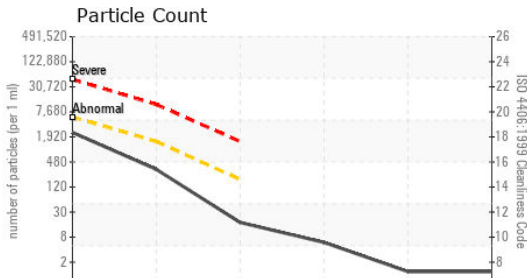
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >15	<b>11</b>	---	---
Sodium	ppm ASTM D5185(m)	<b>3</b>	---	---
Potassium	ppm ASTM D5185(m) >20	<b>5</b>	---	---

## INFRA-RED

method	limit/base	current	history1	history2
Soot %	% ASTM D7844*	<b>0</b>	---	---
Nitration	Abs/cm ASTM D7624*	<b>3.4</b>	---	---
Sulfation	Abs./1mm ASTM D7415*	<b>15.2</b>	---	---

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FLUID CLEANLINESS	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>5000	<b>2153</b>	---	---
Particles >6µm	ASTM D7647	>1300	<b>280</b>	---	---
Particles >14µm	ASTM D7647	>160	<b>15</b>	---	---
Particles >21µm	ASTM D7647	>40	<b>5</b>	---	---
Particles >38µm	ASTM D7647	>10	<b>1</b>	---	---
Particles >71µm	ASTM D7647	>3	<b>1</b>	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	<b>18/15/11</b>	---	---

FLUID DEGRADATION	method	limit/base	current	history1	history2
Oxidation	Abs./1mm	ASTM D7414*	<b>7.7</b>	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*	<b>1.08</b>	---	---

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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	<b>32.4</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	<b>6.2</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	<b>143</b>	---	---

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



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : ASF0000191 **Received** : 11 Jan 2024  
**Lab Number** : **02608156** **Diagnosed** : 15 Jan 2024  
**Unique Number** : 5709242 **Diagnostician** : Bill Quesnel  
**Test Package** : MOB 2 ( Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, TBN, VI )

**April Super Flo**  
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 T:

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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