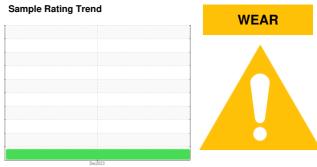


OIL ANALYSIS REPORT

Can Art Extrusions - E01350 A2312107

Component **Hydraulic System**

AW HYDRAULIC OIL ISO 68 (--- GAL)



DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

Wear

Copper and iron ppm levels are noted.

Contamination

Potassium ppm levels are notably high.

Fluid Condition

{not applicable}

Department					Dec2023		
Client Info	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample From Client Info Machine	Batch #		Client Info		2023 12 0340		
Production Stage Client Info Initial	Department		Client Info		Production		
Sent to WC	Sample From		Client Info		Machine		
Sample Number Client Info E30001028	Production Stage		Client Info		Initial		
Sample Date Machine Age hrs Client Info Q	Sent to WC		Client Info		12/21/2023		
Machine Age hrs Client Info 0	Sample Number		Client Info		E30001028		
Oil Age hrs Client Info N/A Sample Status ABNORMAL CONTAMINATION method limit/base current history1 history2 Water WC Method >0.05 NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM 05185(m) >10 <1 Chromium ppm ASTM 05185(m) >10 <1 Nickel ppm ASTM 05185(m) >10 <1 Sliver ppm ASTM 05185(m) >10 2 Aluminum ppm ASTM 05185(m) >10 2 Aluminum ppm ASTM 05185(m) >20 3 Aluminum ppm ASTM 05185(m) >20 29	Sample Date		Client Info		21 Dec 2023		
Coli Changed Client Info N/A	Machine Age	hrs	Client Info		0		
CONTAMINATION method limit/base current history1 history2	Oil Age	hrs	Client Info		0		
CONTAMINATION method limit/base current history1 history2	Oil Changed		Client Info		N/A		
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >20 12 Chromium ppm ASTM D5185(m) >10 <1	Sample Status				ABNORMAL		
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >20 12 Chromium ppm ASTM D5185(m) >10 <1	CONTAMINATIO	N	method	limit/base	current	history1	history2
	Water		WC Method	>0.05	NEG		
Chromium ppm ASTM D5185(m) >10 <1 Nickel ppm ASTM D5185(m) >10 <1	WEAR METALS		method	limit/base	current	history1	history2
Chromium ppm ASTM D5185(m) >10 <1 Nickel ppm ASTM D5185(m) >10 <1	lron	ppm	ASTM D5185(m)	>20	12		
Description	Chromium		ASTM D5185(m)	>10	<1		
Titanium ppm ASTM D5185(m) 0 Silver ppm ASTM D5185(m) ▲ <1	Nickel		ASTM D5185(m)	>10	<1		
Silver	Titanium		. ,		0		
Aluminum			. ,		<u> </u>		
Lead	Aluminum		. ,	>10	2		
Copper ppm ASTM D5185(m) >20 29 Tin ppm ASTM D5185(m) >10 <1			. ,				
Tin	Copper		. ,				
Antimony			. ,		<1		
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 9 Barium ppm ASTM D5185(m) 5 2 Molybdenum ppm ASTM D5185(m) 5 <1							
Description	•				-		
Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 5 9 Barium ppm ASTM D5185(m) 5 2 Molybdenum ppm ASTM D5185(m) 5 <1			. ,		_		
Boron ppm ASTM D5185(m) 5 9	•		. ,		-		
Barium	ADDITIVES		method	limit/base	current	history1	history2
Barium	Boron	ppm	ASTM D5185(m)	5	9		
Molybdenum ppm ASTM D5185(m) 5 <1 Manganese ppm ASTM D5185(m) 25 21 Magnesium ppm ASTM D5185(m) 25 21 Calcium ppm ASTM D5185(m) 200 84 Phosphorus ppm ASTM D5185(m) 300 391 Zinc ppm ASTM D5185(m) 370 384 Sulfur ppm ASTM D5185(m) 2500 1092 Lithium ppm ASTM D5185(m) <1	Barium			5	2		
Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 25 21 Calcium ppm ASTM D5185(m) 200 84 Phosphorus ppm ASTM D5185(m) 300 391 Zinc ppm ASTM D5185(m) 370 384 Sulfur ppm ASTM D5185(m) 2500 1092 Lithium ppm ASTM D5185(m) <1					<1		
Magnesium ppm ASTM D5185(m) 25 21 Calcium ppm ASTM D5185(m) 200 84 Phosphorus ppm ASTM D5185(m) 300 391 Zinc ppm ASTM D5185(m) 370 384 Sulfur ppm ASTM D5185(m) 2500 1092 Lithium ppm ASTM D5185(m) <1	•						
Calcium ppm ASTM D5185(m) 200 84 Phosphorus ppm ASTM D5185(m) 300 391 Zinc ppm ASTM D5185(m) 370 384 Sulfur ppm ASTM D5185(m) 2500 1092 Lithium ppm ASTM D5185(m) <1	•		. ,	25	-		
Phosphorus ppm ASTM D5185(m) 300 391 Zinc ppm ASTM D5185(m) 370 384 Sulfur ppm ASTM D5185(m) 2500 1092 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >15 3 Sodium ppm ASTM D5185(m) 7							
Zinc ppm ASTM D5185(m) 370 384 Sulfur ppm ASTM D5185(m) 2500 1092 Lithium ppm ASTM D5185(m) <1			. ,				
Sulfur ppm ASTM D5185(m) 2500 1092 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >15 3 Sodium ppm ASTM D5185(m) 7	•		. ,				
Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >15 3 Sodium ppm ASTM D5185(m) 7							
Silicon ppm ASTM D5185(m) >15 3 Sodium ppm ASTM D5185(m) 7			. ,				
Sodium ppm ASTM D5185(m) 7	CONTAMINANTS	;	method	limit/base	current	history1	history2
Sodium ppm ASTM D5185(m) 7	Silicon	ppm	ASTM D5185(m)	>15	3		
	Sodium		. ,				
	Potassium	ppm	ASTM D5185(m)	>20	16		



OIL ANALYSIS REPORT

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	LIGHT		
Silt	scalar	Visual*	NONE	NONE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	HAZY		
Odor	scalar	Visual*	NORML	NORML		
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						



CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number

Unique Number : 5698224

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : E30001028 Recieved : 02605139 Diagnosed

: 02 Jan 2024 Diagnostician : Tatiana Sorkina

: 22 Dec 2023

Test Package : TEST (Additional Tests: Bottom, ICP) To discuss this sample report, contact Customer Service at 1-905-372-2251. 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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