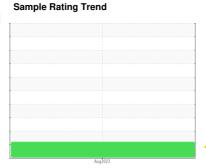


OIL ANALYSIS REPORT

EZE FLOW - E02800 A2308180

Component **Hydraulic System**

AW HYDRAULIC OIL ISO 46 (--- GAL)





DIAGNOSIS

Recommendation

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

Wear

Light concentration of visible metal present.

Contamination

{not applicable}

Fluid Condition

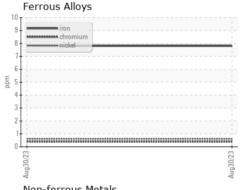
{not applicable}

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		E30000209		
Sample Date		Client Info		30 Aug 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	8		
Chromium	ppm	ASTM D5185(m)	>10	<1		
Nickel	ppm	ASTM D5185(m)	>10	<1		
Titanium	ppm	ASTM D5185(m)	7.0	<1		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>10	1		
Lead	ppm	ASTM D5185(m)	>20	2		
Copper	ppm	ASTM D5185(m)	>20	7		
Tin	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)	210	0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium		ASTM D5185(m)		0		
Caumum	ppm	ASTIVI DSTOS(III)		U		
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		
Molybdenum Manganese	ppm	ASTM D5185(m) ASTM D5185(m)	5	<1 <1		
			5 25			
Manganese	ppm	ASTM D5185(m)		<1		
Manganese Magnesium	ppm ppm	ASTM D5185(m) ASTM D5185(m)	25	<1 19		
Manganese Magnesium Calcium	ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	25 200	<1 19 54		
Manganese Magnesium Calcium Phosphorus	ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	25 200 300	<1 19 54 365		
Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	25 200 300 370	<1 19 54 365 396		
Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	25 200 300 370	<1 19 54 365 396 1439		
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium	ppm ppm ppm ppm ppm ppm	ASTM D5185(m)	25 200 300 370 2500	<1 19 54 365 396 1439		
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium	ppm ppm ppm ppm ppm ppm	ASTM D5185(m) METhod	25 200 300 370 2500	<1 19 54 365 396 1439 <1 current		
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon	ppm ppm ppm ppm ppm ppm	ASTM D5185(m)	25 200 300 370 2500	<1 19 54 365 396 1439 <1 current		
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) METHOD METHOD ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	25 200 300 370 2500 limit/base >15	<1 19 54 365 396 1439 <1 current 3 8		
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) MASTM D5185(m) MASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	25 200 300 370 2500 limit/base >15 >20	<1 19 54 365 396 1439 <1 current 3 8 1	history1	 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) METHOD ASTM D5185(m)	25 200 300 370 2500 limit/base >15 >20 limit/base	<1 19 54 365 396 1439 <1 current 3 8 1	history1 history1	history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) MASTM D5185(m) MASTM D5185(m) MASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	25 200 300 370 2500 limit/base >15 >20 limit/base	<1 19 54 365 396 1439 <1 current 3 8 1 current VLITE	history1 history1	history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) METHOD METHOD ASTM D5185(m) METHOD ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Visual*	25 200 300 370 2500 limit/base >15 >20 limit/base NONE NONE	<1 19 54 365 396 1439 <1 current 3 8 1 current VLITE NONE	history1 history1	history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) MASTM D5185(m) MASTM D5185(m) MASTM D5185(m) MASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Visual* Visual*	25 200 300 370 2500 limit/base >15 >20 limit/base NONE NONE	<1 19 54 365 396 1439 <1 current 3 8 1 current VLITE NONE NONE		history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) MASTM D5185(m) METHOD ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Visual* Visual* Visual*	25 200 300 370 2500 limit/base >15 >20 limit/base NONE NONE NONE	<1 19 54 365 396 1439 <1 current 3 8 1 current NONE NONE VLITE	history1 history1	history2 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) MASTM D5185(m) MASTM D5185(m) MASTM D5185(m) MASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Visual* Visual* Visual* Visual* Visual*	25 200 300 370 2500 limit/base >15 >20 limit/base NONE NONE NONE NONE	<1 19 54 365 396 1439 <1 current 3 8 1 current VLITE NONE NONE VLITE NONE	history1 history1	history2 history2



OIL ANALYSIS REPORT

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



Non-ferrous Metals



CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : 02580150 Unique Number : 5633210

: E30000209

Received : 01 Sep 2023 Diagnosed

: 11 Sep 2023 Diagnostician : Tatiana Sorkina

Environmental 360 Solutions Ltd. 640 Victoria Street Cobourg, ON CA K9A 5H5 Test Package : TEST (Additional Tests: Bottom, BottomAnalysis, FilterPatch, ICP)

Contact: Tatiana Sorkina tsorkina@e360s.ca T: (800)263-3939

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.

To discuss this sample report, contact Customer Service at 1-800-268-2131.

F: (905)373-4950