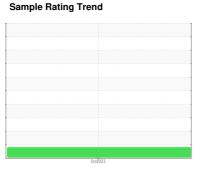


OIL ANALYSIS REPORT

PLastiques Age - L02000 A2310015

Component **Hydraulic System**

NOT GIVEN (--- GAL)





DIAGNOSIS

Recommendation

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

Wear

Iron ppm levels are noted.

Contamination

{not applicable}

Fluid Condition

{not applicable}

Batch # Client Info					0ct2023		
Machine ID Client Info A2310015 Department Client Info Production Sample From Client Info Machine Production Stage Client Info Initial Sent to WC Client Info 10/03/2023 Sample Number Client Info E30000467 Sample Date Client Info 03 Oct 2023 Machine Age hrs Client Info 0 Machine Age hrs Client Info 0 Oil Age hrs Client Info N/A Oil Changed Client Info N/A Sample Status METENTION WEAR METALS method limit/base current history1 history2 PQ ASTM D5185(m) >20 30 Chromium ppm ASTM D5185(m) >10 <1	SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Department Client Info Production Sample From Client Info Machine Production Stage Client Info Initial Production Stage Production Initial Production Initial Production Production Initial Production Initial Production Produc	Batch #		Client Info		2023 09 0510		
Sample From Client Info Machine	Machine ID		Client Info		A2310015		
Production Stage Client Info Initial	Department		Client Info		Production		
Sent to WC Sample Number Sample Date Machine Age hrs Client Info 03 Oct 2023 Machine Age hrs Client Info 01 Oct 2023 Machine Age hrs Client Info Ocil Age hrs Client Info Ocil Changed Sample Status Client Info N/A ATTENTION WEAR METALS method limit/base current history1 history2 PQ ASTM D8184* 6 Chromium ppm ASTM D5185(m) >20 A30 Chromium ppm ASTM D5185(m) >10 <1 Nickel ppm ASTM D5185(m) >10 <1 Silver ASTM D5185(m) >10 3 Silver ASTM D5185(m) >10 3 Aluminum ppm ASTM D5185(m) >10 3 ASTM D5185(m) >10 3 Copper ppm ASTM D5185(m) >20 1 3 ASTM D5185(m) ASTM D5185(m) >10 3 Aluminum ppm ASTM D5185(m) >20 1 ASTM D5185(m) >10 3 Aluminum ppm ASTM D5185(m) >20 1 ASTM D5185(m) >10 ASTM D5185(m) >10 ASTM D5185(m) Copper ppm ASTM D5185(m) >20 3 ASTM D5185(m) >10 Antimony ppm ASTM D5185(m) 0 Antimony ppm ASTM D5185(m) 0 Astminony ASTM D5185(m) Ppm ASTM D5185(m) O Antimony Ppm ASTM D5185(m) O Beryllium Ppm ASTM D5185(m) O Beryllium Ppm ASTM D5185(m) O	Sample From		Client Info		Machine		
Sample Number Client Info E30000467 Sample Date Client Info 03 Oct 2023 Machine Age hrs Client Info 0 Oil Age hrs Client Info N/A Oil Changed Client Info N/A Sample Status ATTENTION WEAR METALS method limit/base current history1 history2 PQ ASTM D8184* 6 Iron ppm ASTM D5185(m) >20 30 Chromium ppm ASTM D5185(m) >10 <1	Production Stage		Client Info		Initial		
Sample Date Client Info 03 Oct 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 PQ ASTM D8184* 6 Iron ppm ASTM D8185(m) >20 30 Chromium ppm ASTM D5185(m) >10 <1	Sent to WC		Client Info		10/03/2023		
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 PQ ASTM D8184* 6 Iron ppm ASTM D5185(m) >20 30 Chromium ppm ASTM D5185(m) >10 <1	Sample Number		Client Info		E30000467		
Oil Age hrs Client Info N/A Oil Changed Client Info N/A Sample Status ATTENTION WEAR METALS method limit/base current history1 history2 PQ ASTM D8184* 6 Iron ppm ASTM D5185(m) >20 30 Chromium ppm ASTM D5185(m) >10 <1	Sample Date		Client Info		03 Oct 2023		
Oil Changed Sample Status Client Info N/A WEAR METALS method limit/base current history1 history2 PQ ASTM D8184* 6 Iron ppm ASTM D5185(m) >20 30 Chromium ppm ASTM D5185(m) >10 <1	Machine Age	hrs	Client Info		0		
Sample Status ATTENTION WEAR METALS method limit/base current history1 history2 PQ ASTM D8184* 6 Iron ppm ASTM D5185(m) >20 30 Chromium ppm ASTM D5185(m) >10 <1	Oil Age	hrs	Client Info		0		
WEAR METALS method limit/base current history1 history2 PQ ASTM D8184* 6 Iron ppm ASTM D5185(m) >20 30 Chromium ppm ASTM D5185(m) >10 <1	Oil Changed		Client Info		N/A		
PQ ASTM D8184* 6 Iron ppm ASTM D5185(m) >20 ▲ 30 Chromium ppm ASTM D5185(m) >10 <1	Sample Status				ATTENTION		
Iron	WEAR METALS		method	limit/base	current	history1	history2
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) >10 3 Aluminum ppm ASTM D5185(m) >20 1 Lead ppm ASTM D5185(m) >20 8 Copper ppm ASTM D5185(m) >10 0 Tin ppm ASTM D5185(m) >10 0 Antimony ppm ASTM D5185(m) 0 Wanadium ppm ASTM D5185(m) 0 Beryllium ppm ASTM D5185(m) 0	PQ		ASTM D8184*		6		
Nickel ppm ASTM D5185(m) >10 <1 Titanium ppm ASTM D5185(m) 0 Silver ppm ASTM D5185(m) <1	Iron	ppm	ASTM D5185(m)	>20	<u>^</u> 30		
Titanium ppm ASTM D5185(m) 0 Silver ppm ASTM D5185(m) <1 Aluminum ppm ASTM D5185(m) >10 3 Lead ppm ASTM D5185(m) >20 1 Copper ppm ASTM D5185(m) >20 8 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	Chromium	ppm	ASTM D5185(m)	>10	<1		
Silver ppm ASTM D5185(m) <1 Aluminum ppm ASTM D5185(m) >10 3 Lead ppm ASTM D5185(m) >20 1 Copper ppm ASTM D5185(m) >20 8 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	Nickel	ppm	ASTM D5185(m)	>10	<1		
Aluminum ppm ASTM D5185(m) >10 3 Lead ppm ASTM D5185(m) >20 1 Copper ppm ASTM D5185(m) >20 8 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	Titanium	ppm	ASTM D5185(m)		0		
Lead ppm ASTM D5185(m) >20 1 Copper ppm ASTM D5185(m) >20 8 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	Silver	ppm	ASTM D5185(m)		<1		
Copper ppm ASTM D5185(m) >20 8 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	Aluminum	ppm	ASTM D5185(m)	>10	3		
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	Lead	ppm	ASTM D5185(m)	>20	1		
Antimony ppm ASTM D5185(m) 0 Vanadium ppm ASTM D5185(m) 0 Beryllium ppm ASTM D5185(m) 0	Copper	ppm	ASTM D5185(m)	>20	8		
Vanadium ppm ASTM D5185(m) 0 Beryllium ppm ASTM D5185(m) 0	Tin	ppm	ASTM D5185(m)	>10	0		
Beryllium ppm ASTM D5185(m) 0	Antimony	ppm	ASTM D5185(m)		0		
,	Vanadium	ppm	ASTM D5185(m)		0		
Cadmium ppm ASTM D5185(m) 0	Beryllium	ppm	ASTM D5185(m)		0		

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		1		
Barium	ppm	ASTM D5185(m)		4		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)		4		
Calcium	ppm	ASTM D5185(m)		48		
Phosphorus	ppm	ASTM D5185(m)		334		
Zinc	ppm	ASTM D5185(m)		336		
Sulfur	ppm	ASTM D5185(m)		968		
Lithium	ppm	ASTM D5185(m)		<1		
CONTANINANTO		mathad	limit/booo	OLUMNO MT	historyd	hiotom/0
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	4		

4

<1

Sodium

Potassium

ppm

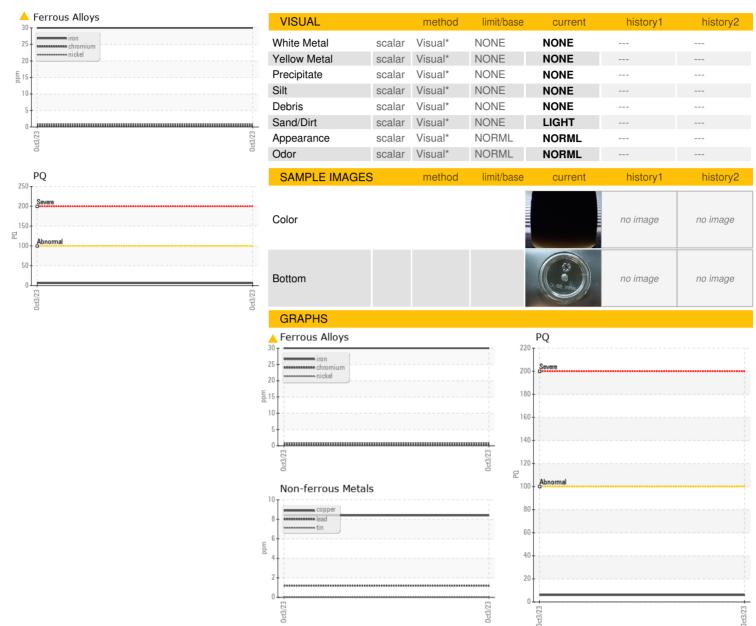
ppm

ASTM D5185(m)

ASTM D5185(m) >20



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : E30000467 : 02587380

Unique Number : 5656446

Received Diagnosed Diagnostician

: 05 Oct 2023 : 10 Oct 2023

: Tatiana Sorkina

Test Package : TEST (Additional Tests: ICP, PQ) 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.

Environmental 360 Solutions Ltd.

640 Victoria Street Cobourg, ON CA K9A 5H5 Contact: Fred Kosseim

fkosseim@e360s.ca T: (905)372-2251 F: (905)372-1658