

# **OIL ANALYSIS REPORT**

CPK - D00200 Machine Id A2310094

Component Unknown Component

NOT GIVEN (--- GAL)

# Sample Rating Trend NORMAL October 10 to 10 to

### DIAGNOSIS

### Recommendation

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

### Wear

{not applicable}

### Contamination

{not applicable}

## **Fluid Condition**

{not applicable}

				Oct2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Batch #		Client Info		2023 10 0410		
Machine ID		Client Info		A2310094		
Department		Client Info		Production		
Sample From		Client Info		Drum		
Production Stage		Client Info		Initial		
Sent to WC		Client Info		10/17/2023		
Sample Number		Client Info		E30000533		
Sample Date		Client Info		17 Oct 2023		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)		<1		
Chromium	ppm	ASTM D5185(m)		0		
Nickel	ppm	ASTM D5185(m)		<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		<1		
Aluminum	ppm	ASTM D5185(m)		0		
Lead	ppm	ASTM D5185(m)		<1		
Copper	ppm	ASTM D5185(m)		1		
Tin	ppm	ASTM D5185(m)		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)		<1		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		50		
Calcium	ppm	ASTM D5185(m)		41		
Phosphorus	ppm	ASTM D5185(m)		420		
Zinc	ppm	ASTM D5185(m)		479		
Sulfur	ppm	ASTM D5185(m)		963		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		<1		
Sodium	ppm	ASTM D5185(m)		1		
Potassium	ppm	ASTM D5185(m)	>20	0		



# **OIL ANALYSIS REPORT**

Non-ferrous Metals  Non-ferrous Metals		<u> </u>		<u> </u>			
Yellow Metal scalar Visual* NONE NONE	VISUAL		method	limit/base	current	history1	history2
Precipitate scalar Visual* NONE NONE Sitt scalar Visual* NONE NONE Scalar Visual* NONE NONE Scalar Visual* NONE NONE Scalar Visual* NONE NONE Scalar Visual* NORML NORML Scalar Visual* NOR	White Metal	scalar	Visual*	NONE	NONE		
Silt scalar Visual* NONE NONE	Yellow Metal	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  SAMPLE IMAGES method limit/base current history1 history2  Color no image no image  GRAPHS  Ferrous Alloys  Non-ferrous Metals  Non-ferrous Metals	Precipitate	scalar	Visual*	NONE	NONE		
Sand/Dirt scalar Visual* NONE NONE Appearance scalar Visual* NORML NOR	Silt	scalar	Visual*	NONE	NONE		
Appearance scalar Visual* NORML NORML Odor scalar Visual* NORML NORML  SAMPLE IMAGES method limit/base current history1 history2  Color no image no image  GRAPHS  Ferrous Alloys  Non-ferrous Metals  Non-ferrous Metals	Debris	scalar	Visual*	NONE	NONE		
SAMPLE IMAGES method limit/base current history1 history2  Color no image no image  Bottom no image no image  GRAPHS  Ferrous Alloys  Non-ferrous Metals  Non-ferrous Metals	Sand/Dirt	scalar	Visual*	NONE	NONE		
SAMPLE IMAGES method limit/base current history1 history2  Color no image no image  Bottom no image no image  GRAPHS  Ferrous Alloys  Non-ferrous Metals  Non-ferrous Metals	Appearance	scalar	Visual*		NORML		
Bottom  Representation of the property of the	Odor	scalar	Visual*	NORML	NORML		
Bottom  GRAPHS  Ferrous Alloys  Non-ferrous Metals  Opport  Op	SAMPLE IMAGE	:S	method	limit/base	current	history1	history2
Ferrous Alloys    Ferrous Alloys	Color					no image	no image
Ferrous Alloys  iron iron nickel  Non-ferrous Metals  copper tin	Bottom					no image	no image
ion iron  k  iron	GRAPHS						
Non-ferrous Metals  copper tin  copper tin							
Non-ferrous Metals  Copper  Somewhat  Copper  Somewhat	/						
Non-ferrous Metals  copper tin							
Non-ferrous Metals  Non-ferrous Metals	61						
Non-ferrous Metals  Volume 10	4						
Non-ferrous Metals  Volume 10	2						
Non-ferrous Metals  Copper lead  Copper lead							
Non-ferrous Metals    Copper			***************************************				
copper lead	0ct17			0ct17			
8 copper   Section   Copper		ıls					
8	10 T						
2							
2	6+						
0							
let17/2	0		***************************************				
	ct17/2			ct17/2			



CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number

Unique Number : 5659508

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : E30000533 : 02590442

Received Diagnosed Test Package : TEST ( Additional Tests: ICP )

: 19 Oct 2023 : 20 Oct 2023 Diagnostician : Tatiana Sorkina

Cobourg, ON CA K9A 5H5 Contact: Fred Kosseim fkosseim@e360s.ca T: (905)372-2251 Validity of results and interpretation are based on the sample and information as supplied. F: (905)372-1658

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. **Environmental 360 Solutions Ltd.** 

640 Victoria Street