

OIL ANALYSIS REPORT

Sample Rating Trend





Component Hydraulic System

CHEM-ECOL BIO HYDRAULIC 32ZFD (--- GAL)

			Aug2023		
DIAGNOSIS	SAMPLE INFORMATION	M method	limit/base current	history1	history2
Recommendation	Sample Number	Client Info	E30000166		
This is a baseline read-out on the submitted	Sample Date	Client Info	25 Aug 202	3	
sample.	Machine Age hrs	Client Info	0		
Vear	Oil Age hrs	Client Info	0		
not applicable}	Oil Changed	Client Info	N/A		
Contamination	Sample Status		NORMAL		
not applicable}	WEAR METALS	method	limit/base current	history1	history2
luid Condition	lron ppm	ASTM D5185(m)	>20 <1		
not applicable}	Chromium ppm	ASTM D5185(m)			
	Nickel ppm	ASTM D5185(m)			
	Titanium ppm	ASTM D5185(m)			
	Silver ppm	ASTM D5185(m)	0		
	Aluminum ppm	ASTM D5185(m)			
	Lead ppm	ASTM D5185(m)			
	Copper ppm	ASTM D5185(m)			
	Tin ppm	ASTM D5185(m)			
	Antimony ppm	ASTM D5185(m)	0		
	Vanadium ppm	ASTM D5185(m)	0		
	- ··· ··· · · · · · · · · · · · · · · ·	ASTM D5185(m)			
	Beryllium ppm Cadmium ppm	ASTM D5185(m)	0		
			U		
	ADDITIVES	method	limit/base current		history2
	Boron ppm	ASTM D5185(m)	0		
	Barium ppm	ASTM D5185(m)			
	Molybdenum ppm	ASTM D5185(m)	0		
	Manganese ppm	ASTM D5185(m)			
	Magnesium ppm	ASTM D5185(m)	1		
	Calcium ppm	ASTM D5185(m)	280		
	Phosphorus ppm	ASTM D5185(m)	167		
	Zinc ppm	ASTM D5185(m)			
	Sulfur ppm	ASTM D5185(m)	1026		
	Lithium ppm	ASTM D5185(m)	<1		
	CONTAMINANTS	method	limit/base current	history1	history2
	Silicon ppm	ASTM D5185(m)	>15 <1		
	Sodium ppm	ASTM D5185(m)	<1		
	Potassium ppm	ASTM D5185(m)	>20 <1		
	Water %	ASTM D6304*	>0.05 0.006		
	ppm Water ppm	ASTM D6304*	>500 65.5		
	FLUID CLEANLINESS	method	limit/base current	history1	history2
	Particles >4µm	ASTM D7647	>5000 285		
	Particles >6µm	ASTM D7647			
	Particles >14µm	ASTM D7647			
	Particles >21µm	ASTM D7647			
	Particles >38µm	ASTM D7647 ASTM D7647			
	Particles >30µm	ASTM D7647			
	Oil Cleanliness				
	On Greathiness	130 4400 (C)	>19/17/14 15/13/10		



0.60

0.48

0.36

2º 0.2

0.12 Ab

0.00

6.

4

6 Ê 5

> 18 31 2

> > Ok

6.5 A

cSt (100°C) 5.5 2

4

3.5

38 36

3

(0.0+) 32

30

28

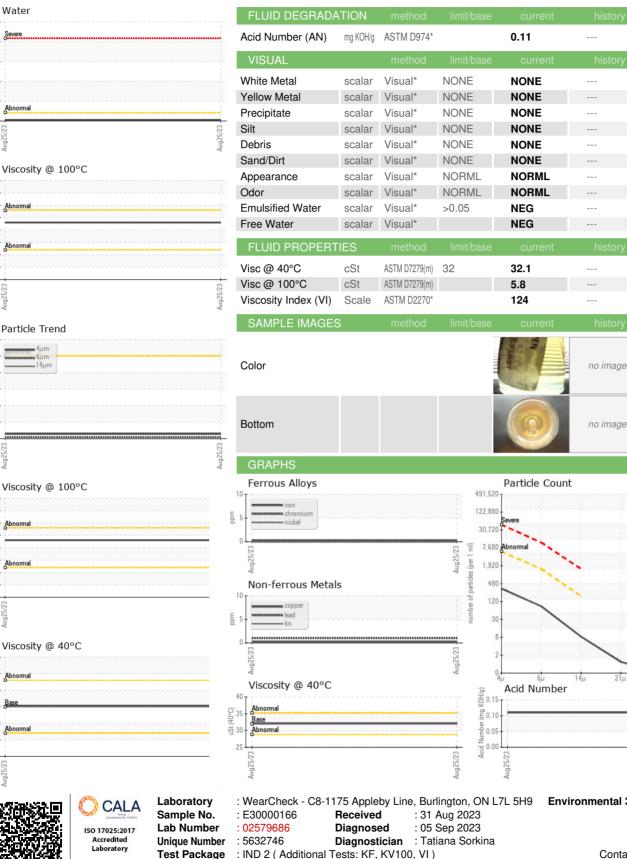
26

ua25/2

Ab

cSt (100°C)

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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: Tatiana Sorkina tsorkina@e360s.ca T: (800)263-3939 F: (905)373-4950

Contact/Location: Tatiana Sorkina - CHECOB

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