

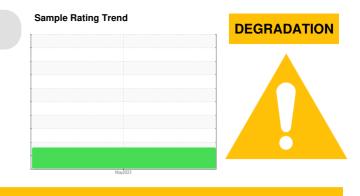
PROBLEM SUMMARY

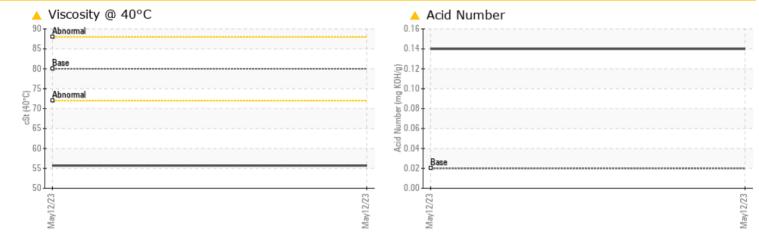
Area [235357/1537RB] Machine Id HILL PHOENIX RACK B #1537 (S/N 91228-2) Component

Reciprocating Compressor

BITZER BSE 85K (--- LTR)

COMPONENT CONDITION SUMMARY





RECOMMENDATION

rating with next sample.

We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	
Acid Number (AN)	mg KOH/g	ASTM D974*	0.02	A 0.14	
Visc @ 40°C	cSt	ASTM D7279(m)	80	6 55.7	

Customer Id: DISEDM Sample No.: WC0816810 Lab Number: 02559243 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Kevin Marson +1 (289)291-4644 x4644 Kevin.Marson@wearcheck.com

To change component or sample information: Gloria Gonzalez +1 (289)291-4643 x4643 gloria.gonzalez@wearcheck.com

RECOMMENDED AG	RECOMMENDED ACTIONS					
Action	Status	Date	Done By	Description		
Resample			?	We recommend an early resample to monitor this condition.		
Information Required			?	NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.		

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

[235357/1537RB] HILL PHOENIX RACK B #1537 (S/N 91228-2) Component

Reciprocating Compressor Fluid BITZER BSE 85K (--- LTR)

DIAGNOSIS

Recommendation

We recommend an early resample to monitor this condition. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Wear

All component wear rates are normal.

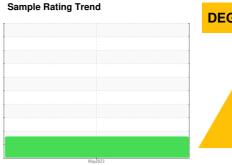
Contamination

The water content is negligible. There is no indication of any contamination in the oil.

Fluid Condition

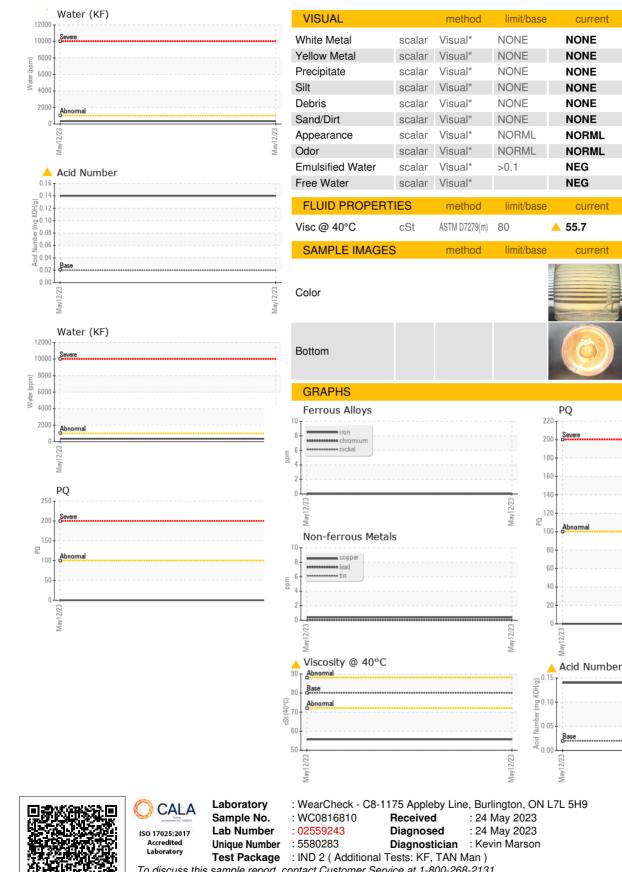
The AN level is slightly above the recommended limit. Viscosity of sample indicates oil is within ISO 46 range, advise investigate.

				May2023		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
		Client Info		WC0816810		
Sample Number Sample Date		Client Info		12 May 2023		
Machine Age	N/FO	Client Info		7 Way 2023		
Dil Age	yrs yrs	Client Info		0		
Dil Changed	yı S	Client Info		N/A		
Sample Status				ABNORMAL		
		and the state				
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	= 0	0		
lron	ppm	ASTM D5185(m)		0		
Chromium	ppm	ASTM D5185(m)	>10	0		
Nickel	ppm	ASTM D5185(m)		0		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>25	0		
Lead	ppm	ASTM D5185(m)	>25	0		
Copper	ppm	ASTM D5185(m)	>50	<1		
Tin	ppm	ASTM D5185(m)	>15	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)	0	<1		
Barium	ppm	ASTM D5185(m)	0	0		
Molybdenum	ppm	ASTM D5185(m)	0	0		
Manganese	ppm	ASTM D5185(m)	0	0		
Magnesium	ppm	ASTM D5185(m)	0	0		
Calcium	ppm	ASTM D5185(m)	0	0		
Phosphorus	ppm	ASTM D5185(m)	1200	800		
Zinc	ppm	ASTM D5185(m)	0	1		
Sulfur	ppm	ASTM D5185(m)	0	3		
Lithium	ppm	ASTM D5185(m)	-	<1		
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	6		
Sodium	ppm	ASTM D5185(m)		<1		
Potassium	ppm	ASTM D5185(m)	>20	<1		
Water	%	ASTM D6304*		0.034		
ppm Water	ppm	ASTM D6304*	>1000	349.0		
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.02	0.14		





OIL ANALYSIS REPORT



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. 14740-111 Avenue Edmonton, AB CA T5M 2P5 Contact: Ross Richards ross.richards@loblaw.ca T: (780)232-2699 F:

Display Fixtures - Loblaws

Report Id: DISEDM [WCAMIS] 02559243 (Generated: 12/14/2023 16:08:21) Rev: 1

history1

history

history1

no image

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history2

history

history2

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