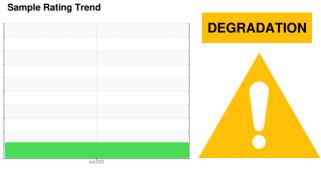


OIL ANALYSIS REPORT

UNASSIGNED LMP RACK 3B (S/N LMP1810010-6)

Reciprocating Compressor

BITZER BSE 85K (--- GAL)



DIAGNOSIS

Recommendation

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

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

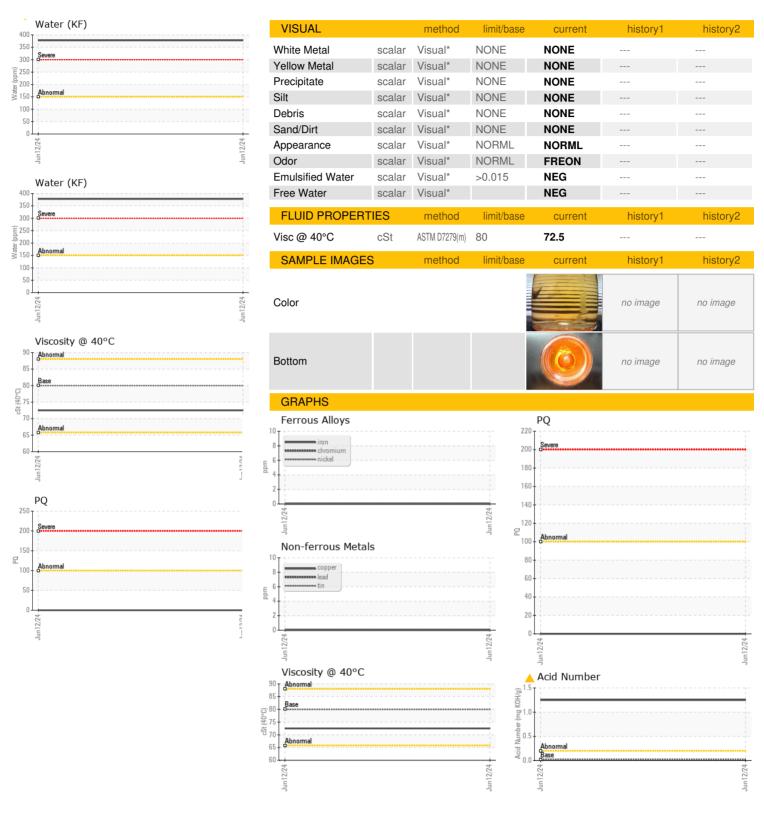
Fluid Condition

The AN level is above the recommended limit. The oil is no longer serviceable.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0926508		
Sample Date		Client Info		12 Jun 2024		
Machine Age	mths	Client Info		48		
Oil Age	mths	Client Info		48		
Oil Changed		Client Info		Not Changd		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		0		
Iron	ppm	ASTM D5185(m)	>50	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	0		
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	<1		
Calcium	ppm	ASTM D5185(m)	0	0		
Phosphorus	ppm	ASTM D5185(m)	1200	1144		
Zinc	ppm	ASTM D5185(m)	0	<1		
Sulfur	ppm	ASTM D5185(m)	0	11		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS)	method	limit/base	current	history1	history2
	ppm	ASTM D5185(m)	>25	0		
Silicon		١ /		0		
Silicon Sodium		ASTM D5185(m)		U		
	ppm	, ,	>20			
Sodium		ASTM D5185(m)		<1		
Sodium Potassium	ppm ppm	, ,	>20 >0.015 >150			
Sodium Potassium Water ppm Water	ppm ppm % ppm	ASTM D5185(m) ASTM D6304* ASTM D6304*	>0.015 >150	<1 0.037 378	 	
Sodium Potassium Water	ppm ppm % ppm	ASTM D5185(m) ASTM D6304*	>0.015	<1 0.037		



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory

Sample No. Lab Number

: WC0926508

: 02641730 Unique Number : 5799269

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 13 Jun 2024

Tested : 14 Jun 2024 Diagnosed : 17 Jun 2024 - Kevin Marson

Test Package : IND 2 (Additional Tests: KF, TAN MAN) 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.

Parson Refrigeration (1985) Ltd.

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