WEAR CONTAMINATION FLUID CONDITION

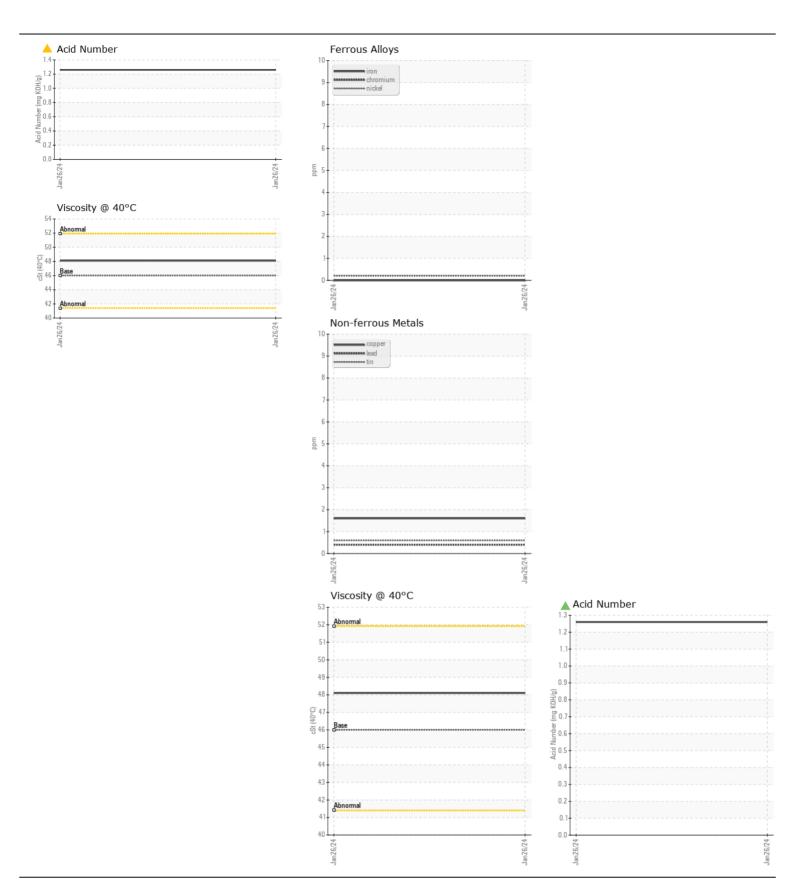
NORMAL NORMAL ATTENTION

NOT GIVEN

INGERSOLL RAND PLANT AIR 5 - TULSA CEMENT (S/N VA1073)

Component Compressor

Test						-		
Sample Date Client Info 28 Jan 2024	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
All the next service interval to monitor.	Oil and filter change at the time of sampling has been noted. Resample	Sample Number		Client Info		UCH06077012		
Cit Age		Sample Date		Client Info		26 Jan 2024		
Filter Age		Machine Age	hrs	Client Info		5152		
Cilchanged Cilcht Info Changed Cilcht Info Changed Cha		Oil Age	hrs	Client Info		8000		
Filter Changed Sample Status		Filter Age	hrs	Client Info		0		
Name		Oil Changed		Client Info		Changed		
VEAR		Filter Changed		Client Info		Changed		
All component wear rates are normal. Chromium ppm ASTM 56185m < 1		Sample Status				ATTENTION		
All component wear rates are normal. Chromium ppm ASTM 56185m < 1	WEAD			AOTA DEADE				
Nickel ppm ASTM D6185m 0 .	WEAR							
Titanium ppm ASTM D5185m 0	All component wear rates are normal.				>10			
Silver								
Aluminum ppm ASTM D5185m >25 1								
Lead					0.5			
Copper								
Tin								
Vanadium ppm ASTM D5185m NONE NON								
White Metal Yellow Metal Scalar "Visual NONE NONE NONE NO					>15			
Yellow Metal Scalar Visual NONE N					NONE			
Silicon ppm ASTM D5185m >25 <1								
Potassium ppm ASTM D5185m >20 6		Yellow Metal	scalar	"Visuai	NONE	NONE		
Potassium ppm ASTM D5185m >20 6	CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	<1		
Water WC Method >0.8 NEG Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORM NORML NORML Appearance scalar *Visual NORML NORML NORML Debris scalar *Visual NONE NONE NONE NORML NORML NORML NORML NORML Debris scalar *Visual NONE NORM NORML		Potassium	ppm	ASTM D5185m	>20	6		
Debris Scalar *Visual NONE NORML N	There is no indication of any contamination in the oil.	Water		WC Method	>0.8	NEG		
Sand/Dirt scalar "Visual NONE NONE NORML		Silt	scalar	*Visual	NONE	NONE		
Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Fmulsified Water scalar *Visual NORML		Debris	scalar	*Visual	NONE	NONE		
Odor scalar *Visual NORML NORML Full NORML NO		Sand/Dirt	scalar	*Visual	NONE	NONE		
Emulsified Water scalar *Visual >0.8 NEG		Appearance	scalar	*Visual	NORML	NORML		
Sodium ppm ASTM D5185m 40		Odor	scalar	*Visual	NORML	NORML		
Boron ppm ASTM D5185m 2 0 Barium ppm ASTM D5185m 525 538 Molybdenum ppm ASTM D5185m 10 0 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 5 3 Calcium ppm ASTM D5185m 10 18 Phosphorus ppm ASTM D5185m 10 18 Zinc ppm ASTM D5185m 100 33 Sulfur ppm ASTM D5185m 400 424 Acid Number (AN) mg KOH/g ASTM D8045 ▲ 1.26 Visc @ 40°C CST ASTM D445 46 48.1		Emulsified Water	scalar	*Visual	>0.8	NEG		
Boron ppm ASTM D5185m 2 0 Barium ppm ASTM D5185m 525 538 Molybdenum ppm ASTM D5185m 10 0 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 5 3 Calcium ppm ASTM D5185m 10 18 Phosphorus ppm ASTM D5185m 10 18 Zinc ppm ASTM D5185m 100 33 Sulfur ppm ASTM D5185m 400 424 Acid Number (AN) mg KOH/g ASTM D8045 ▲ 1.26 Visc @ 40°C CST ASTM D445 46 48.1	ELLID CONDITION	0 15		AOTA DEADE		40		
Barium ppm ASTM D5185m 525 538 Molybdenum ppm ASTM D5185m 10 0 Manganese ppm ASTM D5185m 5 3 Magnesium ppm ASTM D5185m 5 3 Calcium ppm ASTM D5185m 10 18 Phosphorus ppm ASTM D5185m 250 62 Zinc ppm ASTM D5185m 100 33 Sulfur ppm ASTM D5185m 400 424 Acid Number (AN) mg KOH/g ASTM D8045	FEOID CONDITION				0			
Molybdenum ppm ASTM D5185m 10 0 Manganese ppm ASTM D5185m < 1	The AN level is at the top-end of the recommended limit.							
Manganese ppm ASTM D5185m <1								
Magnesium ppm ASTM D5185m 5 3 Calcium ppm ASTM D5185m 10 18 Phosphorus ppm ASTM D5185m 250 62 Zinc ppm ASTM D5185m 100 33 Sulfur ppm ASTM D5185m 400 424 Acid Number (AN) mg KOH/g ASTM D8045 ▲ 1.26 Visc @ 40°C cSt ASTM D445 46 48.1					10			
Calcium ppm ASTM D5185m 10 18 Phosphorus ppm ASTM D5185m 250 62 Zinc ppm ASTM D5185m 100 33 Sulfur ppm ASTM D5185m 400 424 Acid Number (AN) mg KOH/g ASTM D8045 1.26 Visc @ 40°C cSt ASTM D445 46 48.1		-			5			
Phosphorus ppm ASTM D5185m 250 62 Zinc ppm ASTM D5185m 100 33 Sulfur ppm ASTM D5185m 400 424 Acid Number (AN) mg KOH/g ASTM D8045 ▲ 1.26 Visc @ 40°C cSt ASTM D445 46 48.1		-						
Zinc ppm ASTM D5185m 100 33 Sulfur ppm ASTM D5185m 400 424 Acid Number (AN) mg KOH/g ASTM D8045 ▲ 1.26 Visc @ 40°C cSt ASTM D445 46 48.1								
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Acid Number (AN) mg KOH/g ASTM D8045 ▲ 1.26 Visc @ 40°C cSt ASTM D445 46 48.1								
Visc @ 40°C					400			
					16			
	Report Id: UCGRECLA [WUSCAR] 06077012 (Generated: 02/05/2024 09:20:48) Rev: 1	visc @ 40°C	COL					







Certificate L2367

Report Id: UCGRECLA [WUSCAR] 06077012 (Generated: 02/05/2024 09:20:50) Rev: 1

Laboratory Sample No. Lab Number

: UCH06077012 : 06077012 Unique Number : 10859103 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 01 Feb 2024 : 02 Feb 2024 Diagnosed Diagnostician : Don Baldridge

GREEN COUNTY COMPRESSOR SERVICE

11974 E 530 RD CLAREMORE, OK US 74019

Contact: ASHLEY PIGUET ashley@gccs.us.com T: (918)906-6343

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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