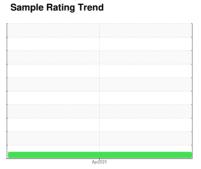


OIL ANALYSIS REPORT

NOT GIVEN [SR3236564] ATLAS COPCO ITJ532912 - DOUGLAS CO PUBLIC WORKS

Component Compressor





DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil. The water content is negligible.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method				history2
Sample Number		Client Info		UCH06160488		
Sample Date		Client Info		18 Apr 2024		
Machine Age	hrs	Client Info		2011		
Oil Age	hrs	Client Info		2011		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1		
Chromium	ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m		2		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>15	2		
Lead	ppm	ASTM D5185m	>65	<1		
Copper	ppm	ASTM D5185m	>65	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		396		
Zinc	ppm	ASTM D5185m		36		
Sulfur	ppm	ASTM D5185m		531		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	5		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	<1		
Water	%	ASTM D6304	>0.1	0.087		
ppm Water	ppm	ASTM D6304	>1000	870		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

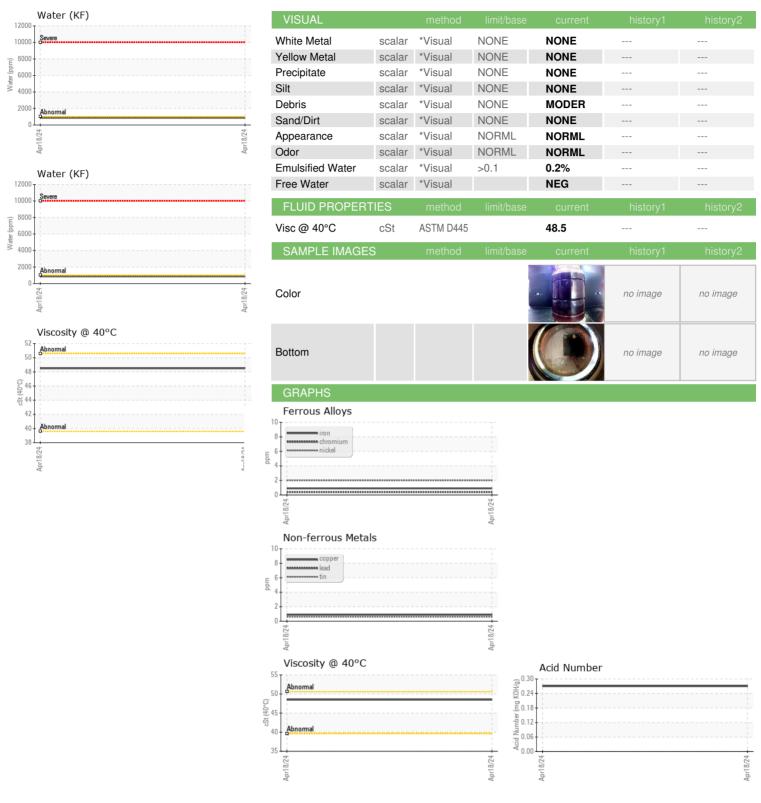
Acid Number (AN)

mg KOH/g ASTM D8045

0.27



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Unique Number : 10995911

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCH06160488 Lab Number : 06160488

Received : 25 Apr 2024 **Tested** : 26 Apr 2024 Diagnosed : 29 Apr 2024 - Sean Felton

Test Package : IND 2 (Additional Tests: KF)

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)

CISCO AIR SYSTEMS

214 27TH ST SACRAMENTO, CA US 95816

Contact: BARRY FRKOVICH barryfrkovich@ciscoair.com

T: (916)444-2525 F: x:

Report Id: UCCISSAC [WUSCAR] 06160488 (Generated: 04/29/2024 10:43:34) Rev: 1

Contact/Location: BARRY FRKOVICH - UCCISSAC