

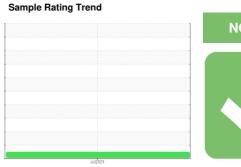
OIL ANALYSIS REPORT

NORMAL

S-46 [289545]

Component Compressor

ATLAS COPCO WUX585098 - CYRUS SHANK CO





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

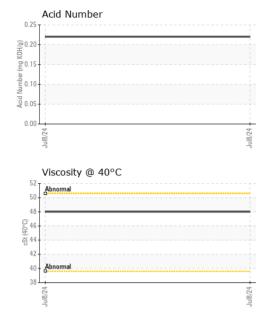
Fluid Condition

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

				Jul2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UFD0002020		
Sample Date		Client Info		08 Jul 2024		
Machine Age	hrs	Client Info		39435		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m		<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>15	3		
Lead	ppm	ASTM D5185m	>65	<1		
Copper	ppm	ASTM D5185m	>65	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		213		
Zinc	ppm	ASTM D5185m		38		
Sulfur	ppm	ASTM D5185m		300		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.22		



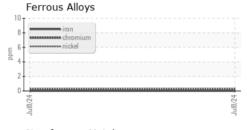
OIL ANALYSIS REPORT



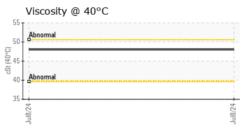
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	LIGHT		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		48.0		

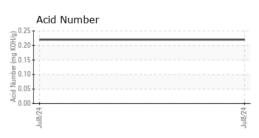
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			- Indian	no image	no image
Bottom				no image	no image

GRAPHS



8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T	Non-ferrous Metals	
4	3 + 1		
2	6+ 3	enonemone tin	
2	1	i	
0	2 + -	 	
Jul8/24	ıЦ		









Certificate 12367

Laboratory

Sample No. : UFD0002020 Lab Number : 06239244 Unique Number : 11128078

Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received Tested

: 18 Jul 2024 Diagnosed

: 18 Jul 2024 - Wes Davis

: 17 Jul 2024

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

Contact: ED DIENER ed.diener@fluidairedynamics.com

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

T: (847)678-8388 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

FLUID-AIRE DYNAMICS

225 SPRING LAKE DR

Report Id: UCFLUSCH [WUSCAR] 06239244 (Generated: 07/18/2024 14:48:02) Rev: 1

Contact/Location: ED DIENER - UCFLUSCH

ITASCA, IL US 60143