

OIL ANALYSIS REPORT

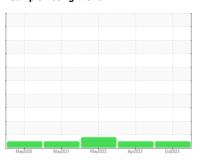
Sample Rating Trend

NORMAL



TE-PAG 32 Machine Id ATLAS COPCO AII259723H - WRIGHT MFG

Component Compressor





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

Fluid Condition

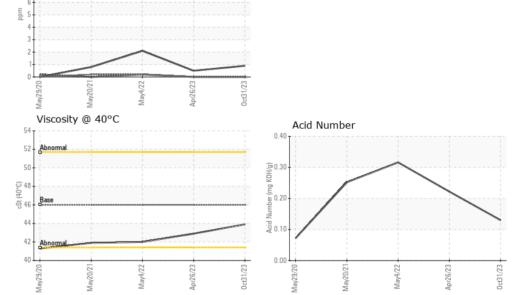
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

		May2020	May2021	May2022 Apr2023	Oct2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH05997440	UCH05835415	UCH05539749
Sample Date		Client Info		31 Oct 2023	26 Apr 2023	04 May 2022
Machine Age	hrs	Client Info		55262	53343	52816
Oil Age	hrs	Client Info		1919	2	2202
Oil Changed		Client Info		Not Changd	Changed	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	5	8	<u> </u>
Chromium	ppm	ASTM D5185m	>10	<1	0	<1
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	0	1
Lead	ppm	ASTM D5185m	>25	0	0	<1
		ASTM D5185m		<1	<1	2
Copper Tin	ppm		>15	0	0	<1
	ppm		210	U 		
Antimony	ppm	ASTM D5185m				.4
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		<1	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	0	0	1
Barium	ppm	ASTM D5185m	525	336	520	630
Molybdenum	ppm	ASTM D5185m	10	0	0	0
Manganese	ppm	ASTM D5185m		<1	<1	5
Magnesium	ppm	ASTM D5185m	5	<1	<1	<1
Calcium	ppm	ASTM D5185m	10	3	2	2
Phosphorus	ppm	ASTM D5185m	250	0	4	6
Zinc	ppm	ASTM D5185m	100	0	<1	5
Sulfur	ppm	ASTM D5185m	400	474	632	432
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	0	3
Sodium	ppm	ASTM D5185m		23	11	13
Potassium	ppm	ASTM D5185m	>20	3	2	2
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.13	0.222	0.316
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water				NEG	NEG	NEG
	scalar	*Visual	>0.8		tion NEG PLIT	
Free Water	scalar	*Visual		NEG	TIOH TERMINON	I - MIDAL



OIL ANALYSIS REPORT









Certificate L2367

Laboratory Sample No. Lab Number

: UCH05997440 : 05997440 Unique Number : 10725800 Test Package : IND 2

20

Non-ferrous Metals

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 02 Nov 2023 : 05 Nov 2023 Diagnosed Diagnostician : Don Baldridge

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)

TATE ENGINEERING

3921 Vero Road BALTIMORE, MD US 21227

Contact: JOSH PLITT josh.plitt@tate.com T: (443)992-4413

Contact/Location: JOSH PLITT - UCTATBAL