

OIL ANALYSIS REPORT

Area ACS-46 [419912] ATLAS COPCO API631358 - GREENWAY IND

Component Compressor

Recommendation

Resample at the next service interval to monitor.

Wear

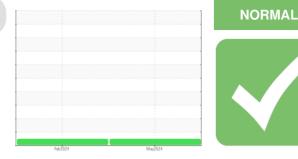
All component wear rates are normal.

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.



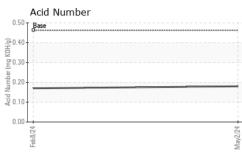
Sample Rating Trend

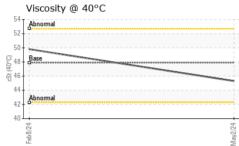


SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06183018	UCH06083734	
Sample Date		Client Info		02 May 2024	08 Feb 2024	
Machine Age	hrs	Client Info		14408	12876	
Oil Age	hrs	Client Info		1608	0	
Oil Changed		Client Info		Not Changd	N/A	
Sample Status				NORMAL	NORMAL	
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	<1	
Chromium	ppm	ASTM D5185m	>5	0	0	
Nickel	ppm	ASTM D5185m		0	0	
Titanium	ppm	ASTM D5185m		0	<1	
Silver	ppm	ASTM D5185m		<1	0	
Aluminum	ppm	ASTM D5185m	>15	0	1	
Lead	ppm	ASTM D5185m	>65	0	<1	
Copper	ppm	ASTM D5185m	>65	<1	<1	
Tin	ppm	ASTM D5185m	>10	0	<1	
Vanadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1.5	0	0	
Barium	ppm	ASTM D5185m	0	0	0	
Molybdenum	ppm	ASTM D5185m	0	0	<1	
Manganese	ppm	ASTM D5185m	0.3	0	0	
Magnesium	ppm	ASTM D5185m	0	0	1	
Calcium	ppm	ASTM D5185m	0	0	<1	
Phosphorus	ppm	ASTM D5185m	406	113	24	
Zinc	ppm	ASTM D5185m	0	16	107	
Sulfur	ppm	ASTM D5185m	1283	1236	0	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	2	4	
Sodium	ppm	ASTM D5185m		1	0	
Potassium	ppm	ASTM D5185m	>20	0	1	
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.463	0.18	0.17	



OIL ANALYSIS REPORT





Color no image Bottom no image CRAPHS Ferrous Alloys 0 0 0 0 0 0 0 0 0 0 0 0 0	M/bita Matal		methoa	iimit/base		nistory i	nistory
Yellow Metal scalar *Visual NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE Appearance scalar *Visual NONE NONE NORE Appearance scalar *Visual NORML NORML NORML Appearance scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual NORML NORML NORML Free Water scalar *Visual NORML NEG NEG Vis @ 40°C cSt ASTM D445 47.9 45.3 49.8 SAMPLE IMAGES method Imit/base current history no image GRAPHS Ferrous Alloys	write wetai	scalar *\	√isual	NONE	NONE	NONE	
Precipitate scalar *Visual NONE NONE NONE Sitt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG Free Water scalar *Visual >0.1 NEG NEG Free Water scalar *Visual NORML NEG NEG FLUID PROPERTIES method imit/base current history1 history1 Visc @ 40°C cSt ASTM D445 47.9 45.3 49.8 SAMPLE IMAGES method imit/base current history1 history Color cost ASTM D445 47.9 45.3 49.8 Bottom no image GRAPHS Ferrous Alloys 	Yellow Metal		√isual			NONE	
Sitt scalar Visual NONE NONE NONE Debris scalar Visual NONE NONE NONE Sand/Dirt scalar Visual NONE NONE NONE Appearance scalar Visual NORML NORML NORML NORML Odor scalar Visual NORML NORML NORML NORML Emulsified Water scalar Visual NORML NORML NORML NORML Free Water scalar Visual NORML NORML NORML NORML Free Water scalar Visual NORML NORML NORML Full PROPERTIES method limit/base current history1 history Visc @ 40°C cSt ASTM D445 47.9 45.3 49.8 SAMPLE IMAGES method limit/base current history1 history Color no image GRAPHS Ferrous Alloys 							
Debris scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Codor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG Free Water scalar *Visual >0.1 NEG NEG FLUID PROPERTIES method imit/base current history1 history Visc @ 40°C cSt ASTM D445 47.9 45.3 49.8 SAMPLE IMAGES method imit/base current history1 history Color no image Bottom Office Scalar *Visual of the time of time of the time of time of the time of time of the time of the time of time of the time of the time of time							
Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG Free Water scalar *Visual >0.1 NEG NEG Free Water scalar *Visual >0.1 NEG NEG Free Water scalar *Visual >0.1 NEG NEG FLUID PROPERTIES method limit/base current history1 history Visc @ 40°C cSt ASTM D445 47.9 45.3 49.8 SAMPLE IMAGES method limit/base current history1 history Color no image Bottom no image GRAPHS Ferrous Alloys 0 0 0 0 0 0 0 0 0 0 0 0 0							
Appearance scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG Free Water scalar *Visual NORML NORML NORML Free Water scalar *Visual NORML NORML NORML Free Water scalar *Visual NORML NORML NORML FLUID PROPERTIES method limit/base current history1 history Visc @ 40°C cSt ASTM D445 47.9 45.3 49.8 SAMPLE IMAGES method limit/base current history1 history Color no image GRAPHS Ferrous Alloys 0 0 0 0 0 0 0 0 0 0 0 0 0							
Odor scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG Free Water scalar *Visual >0.1 NEG NEG Free Water scalar *Visual >0.1 NEG NEG FLUID PROPERTIES method imit/base current history1 history Visc @ 40°C cSt ASTM D445 47.9 45.3 49.8 SAMPLE IMAGES method imit/base current history1 history1 Color Imit/base current history1 history1 no image Bottom Imit/base current history1 no image Imit/base Imit/base current history1 no image Imit/base Imit/base current history1 no image Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base							
Emulsified Water scalar *Visual >0.1 NEG NEG Free Water scalar *Visual imit/base current history1 history1 Visc @ 40°C cSt ASTM D445 47.9 45.3 49.8 SAMPLE IMAGES method imit/base current history1 history1 Color imit/base current history1 history1 Bottom imit/base current history1 history1 ReapHs scalar imit/base imit/base imit/base Ferrous Alloys imit/base scalar imit/base imit/base Mon-ferrous Metals imit/base imit/base imit/base imit/base							
Free Water scalar *Visual NEG NEG FLUID PROPERTIES method limit/base current history1 history1 Visc @ 40°C cSt ASTM D445 47.9 45.3 49.8 SAMPLE IMAGES method limit/base current history1 history1 Color Imit/base current history1 history1 Bottom Imit/base current history1 history1 Bottom Imit/base current history1 history1 Bottom Imit/base current history1 history1 Imit/base Imit/base current history1 history1 Color Imit/base current history1 history1 Imit/base Imit/base Imit/base current history1 Imit/Imit/Imit/Imit/Imit/Imit/Imit/Imit/							
FLUID PROPERTIES method limit/base current history1 history1 Visc @ 40°C cSt ASTM D445 47.9 45.3 49.8 SAMPLE IMAGES method limit/base current history1 history1 Color Imit/base current history1 history1 history1 Bottom Imit/base current history1 no image GRAPHS Ferrous Alloys Imit/base Imit/base Imit/base Imit/Data Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base current history1 history1 Imit/base Imit/base current history1 no image Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base				>0.1			
Visc @ 40°C cSt ASTM D445 47.9 45.3 49.8 SAMPLE IMAGES method imit/base current history1 history Color no image Bottom Office of the second se					NEG		
SAMPLE IMAGES method imit/base current history1 history1 Color Imit/base Imit/base Imit/base Imit/base Imit/base Bottom Imit/base Imit/base Imit/base Imit/base Imit/base Bottom Imit/base Imit/base Imit/base Imit/base Imit/base GRAPHS Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base Imit/base <	FLUID PROPERT	ΓIES	method	limit/base	current	history1	history
Color no image Bottom no image GRAPHS Ferrous Alloys Non-ferrous Metals	Visc @ 40°C	cSt A	STM D445	47.9	45.3	49.8	
Bottom no image	SAMPLE IMAGE	S	method	limit/base	current	history1	history
GRAPHS Ferrous Alloys	Color						no image
Ferrous Alloys	Bottom						no image
	Non-ferrous Meta	ls		May2/24			
	Ctip			May2/2/4 Way2/2/2/4 Way2/2/2/4 Way2/2/2/2 Way2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/	Acid Number		

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)

Certificate L2367

Contact/Location: ELVIN DIAZ - UCAIRCAR

T: (800)864-7621

F: (201)342-6241