

OIL ANALYSIS REPORT

Area ACS-46-5 [417595] ATLAS COPCO AII167916 - MONDELEZ Component Compressor

Recommendation

Resample at the next service interval to monitor.

Wear

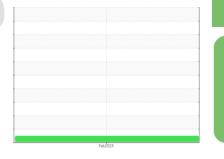
All component wear rates are normal.

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



NORMAL

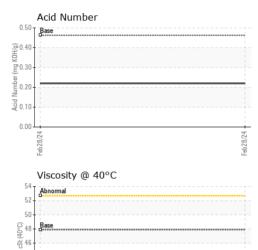
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06142349		
Sample Date		Client Info		28 Feb 2024		
Machine Age	hrs	Client Info		1037		
Oil Age	hrs	Client Info		10		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	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		0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>15	2		
Lead	ppm	ASTM D5185m	>65	0		
Copper	ppm	ASTM D5185m	>65	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1.5	0		
Barium	ppm	ASTM D5185m	0	<1		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m	0.3	0		
Magnesium	ppm	ASTM D5185m	0	0		
Calcium	ppm	ASTM D5185m	0	3		
Phosphorus	ppm	ASTM D5185m	406	163		
Zinc	ppm	ASTM D5185m	0	6		
Sulfur	ppm	ASTM D5185m	1283	1678		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	0		
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	0.463	0.22		



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OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar			NONE		
	scalar					
			>0.1			
					history1	history2
-		ASTM D445		43.0		
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color					no image	no image
Bottom				a.	no image	no image
Non-ferrous Metal	ls		Feb28/24 A			
bom bom bom bom bom bom bom bom bom bom			Feb28/24			
Viscosity @ 40°C			(6,0.5) HO 0.4(Acid Number		
Abnormal			الله 0.30 من).		
5 Feb28/24			Feb28/24	Feb28/24		
: WearCheck USA - 50 : UCH06142349 : 06142349 : 10967157 : IND 2	Recei Teste	Received: 08 Apr 2024Tested: 09 Apr 2024Diagnosed: 11 Apr 2024 - Don Baldridge			ATIC COMPRESSOR SYSTEM 700 WASHINGTON A CARLSTADT, US 070 Contact: ELVIN DI naticcompressor.com.canastasio@wearcheckusa.	
	Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor Emulsified Water Free Water FLUID PROPERT Visc @ 40°C SAMPLE IMAGES Color Bottom GRAPHS Ferrous Alloys I Color Color Bottom GRAPHS Ferrous Metal Color Col	Yellow Metal scalar Precipitate scalar Silt scalar Debris scalar Sand/Dirt scalar Sand/Dirt scalar Appearance scalar Emulsified Water scalar Free Water scalar Free Water scalar SAMPLE IMAGES Color Color GRAPHS Ferrous Alloys Ferrous Alloys Image: Color Image: Color Mon-ferrous Metals Image: Color Image: Color Viscosity @ 40°C Image: Color Image: Color Ima	Yellow Metal scalar *Visual Precipitate scalar *Visual Silt scalar *Visual Debris scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Odor scalar *Visual Emulsified Water scalar *Visual Free Water scalar *Visual Free Water scalar *Visual Fere Water scalar *Visual Fere Water scalar *Visual Fere Water scalar *Visual Color Color Method Color GRAPHS method Ferrous Alloys	Yellow Metal scalar *Visual NONE Precipitate scalar *Visual NONE Silt scalar *Visual NONE Debris scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NORML Odor scalar *Visual NORML Odor scalar *Visual NORML Emulsified Water scalar *Visual NORML Visca@ 40°C cSt ASTM D445 47.9 SAMPLE IMAGES method Imit/base Color Viscosity @ 40°C geg geg Viscosity @ 40°C geg geg geg Viscosity @ 40°C geg geg geg UCH06142349 Tested <td>Yetilow Metal scalar Visual NONE NONE Precipitate scalar Visual NONE NONE Sitt scalar Visual NONE NONE Debris scalar Visual NONE NONE Debris scalar Visual NONE NONE Appearance scalar Visual NORML NORML Odor scalar Visual NORML NORML Color scalar Visual >0.1 NEG Free Water scalar Visual >0.1 NEG Free Water scalar Visual >0.1 NEG Free Water scalar Visual >0.1 NEG Garper rerewtater scalar Visual >0.1 NEG Good cst ASTM D445 47.9 43.0 Corret Garper scalar visual orret scalar Scalar Viscosity @ 40°C scalar scalar scalar scalar scalar scalar</td> <td>Yellow Metal scalar 'Visual NONE Precipitate scalar 'Visual NONE NONE Sitt scalar 'Visual NONE NONE Sitt scalar 'Visual NONE NONE Sand/Diri scalar 'Visual NONE Appearance scalar 'Visual NORML NORML Odor scalar 'Visual NORML NORML Emulsified Water scalar 'Visual NORML NORML Free Water scalar 'Visual NORML NORML SAMPLE IMAGES method imit/base current history1 Visc @ 40°C cSt ASTM D445 47.9 43.0 SAMPLE IMAGES method imit/base current history1 Color Imit/base current history1 no image Viscosity @ 40°C </td>	Yetilow Metal scalar Visual NONE NONE Precipitate scalar Visual NONE NONE Sitt scalar Visual NONE NONE Debris scalar Visual NONE NONE Debris scalar Visual NONE NONE Appearance scalar Visual NORML NORML Odor scalar Visual NORML NORML Color scalar Visual >0.1 NEG Free Water scalar Visual >0.1 NEG Free Water scalar Visual >0.1 NEG Free Water scalar Visual >0.1 NEG Garper rerewtater scalar Visual >0.1 NEG Good cst ASTM D445 47.9 43.0 Corret Garper scalar visual orret scalar Scalar Viscosity @ 40°C scalar scalar scalar scalar scalar scalar	Yellow Metal scalar 'Visual NONE Precipitate scalar 'Visual NONE NONE Sitt scalar 'Visual NONE NONE Sitt scalar 'Visual NONE NONE Sand/Diri scalar 'Visual NONE Appearance scalar 'Visual NORML NORML Odor scalar 'Visual NORML NORML Emulsified Water scalar 'Visual NORML NORML Free Water scalar 'Visual NORML NORML SAMPLE IMAGES method imit/base current history1 Visc @ 40°C cSt ASTM D445 47.9 43.0 SAMPLE IMAGES method imit/base current history1 Color Imit/base current history1 no image Viscosity @ 40°C

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Contact/Location: ELVIN DIAZ - UCAIRCAR

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