

## **OIL ANALYSIS REPORT**

Sample Rating Trend



### Area DLT-8X [10290597] ATLAS COPCO API480911

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

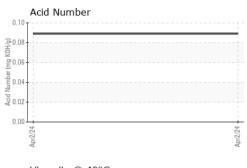
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

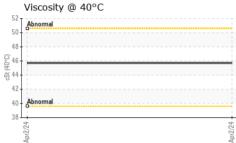
SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06141411		
Sample Date		Client Info		02 Apr 2024		
Machine Age	hrs	Client Info		10325		
Oil Age	hrs	Client Info		2000		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	N	method	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	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>15	0		
Lead	ppm	ASTM D5185m	>65	0		
Copper	ppm	ASTM D5185m	>65	0		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		199		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		1262		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	2		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.089		



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VISUAL





VISUAL		method	limit/base		history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate						
			20.1			
					history1	history2
Visc @ 40°C	cSt	ASTM D44	5	45.7		
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
Non-ferrous Meta	ls		Apr2/2			
<sup>2</sup> <sup>2</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup>			Apr2/24	Acid Number		
50 Abnormal				)		
	)1 Madiso	on Ave Ca	ry, NC 27513		. THURROTT A	
	White Metal Precipitate Silt Debris Sand/Dirt Appearance Odor Emulsified Water Free Water FLUID PROPER Visc @ 40°C SAMPLE IMAGE Color Bottom GRAPHS Ferrous Alloys 10 10 10 10 10 10 10 10 10 10	White Metal scalar Yellow Metal scalar Precipitate scalar Silt scalar Debris scalar Appearance scalar Odor scalar Emulsified Water scalar Free Water scalar FLUID PROPERTIES Visc @ 40°C cSt SAMPLE IMAGES Color Bottom GRAPHS Ferrous Alloys 10 0 0 0 0 0 0 0 0 0 0 0 0 0	White Metal scalar *Visual Yellow Metal scalar *Visual Precipitate scalar *Visual Silt scalar *Visual Debris scalar *Visual Appearance scalar *Visual Appearance scalar *Visual Emulsified Water scalar *Visual Free Water scalar *Visual Free Water scalar *Visual Free Water scalar *Visual Color cSt ASTM D443 SAMPLE IMAGES method Color Bottom GRAPHS Ferrous Alloys Viscosity @ 40°C Viscosity @ 40°C Viscosity @ 40°C	White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE Sitt scalar *Visual NONE Sitt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NORML Odor scalar *Visual NORML Emulsified Water scalar *Visual NORML Emulsified Water scalar *Visual Sol1 Free Water Sol1 SAMPLE IMAGES method Imit/base Color Solor Viscosity @ 40°C Viscosity @ 40°C Solor Viscosity @ 40°C Solor	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 NONE   Appearance scalar *Visual NORML NORML   Appearance scalar *Visual NORML NORML   Odor scalar *Visual NORML NORML   Appearance scalar *Visual NORML NORML   Codor scalar *Visual NORML NORML   Visco do°C cSt ASTMD45 45.7   SAMPLE IMAGES method imit/base current   Color Imit/base current Imit/base current   Mon-ferrous Alloys Imit/base Imit/base Imit/base Imit/base   Imit/Imit/Imit/Imit/Imit/Imit/Imit/Imit/	White Metal scalar 'Visual NONE NONE Yellow Metal scalar 'Visual NONE NONE Precipitate scalar 'Visual NONE NONE Sand/Dirt scalar 'Visual NONE NONE Sand/Dirt scalar 'Visual NONE NONE Sand/Dirt scalar 'Visual NONE NONE Sand/Dirt scalar 'Visual NONE NONE Codor scalar 'Visual NORML NORML Odor scalar 'Visual NORML NORML Codor scalar 'Visual NORML NORML Prec Water scalar 'Visual NORML NORML FLUID PROPERTIES method imit/base current history1 Visc @ 40°C cSt ASTM D445 45.7 SAMPLE IMAGES method imit/base current history1 Color Image Bottom Image GRAPHS Ferrous Alloys 

To discuss this sample report, contact Customer -800-23 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

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