

OIL ANALYSIS REPORT

Area **ROTO XTEND [416155]** Machine Id **ATLAS COPCO API251135 - EURO COUNTERTOPS GRANITE** Component

Component Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

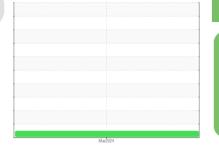
All component wear rates are normal.

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 acceptable for the time in service.



Sample Rating Trend

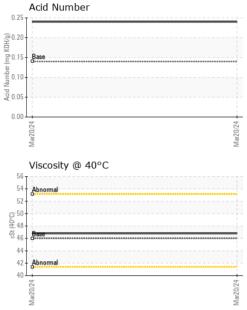


NORMAL

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06141481		
Sample Date		Client Info		20 Mar 2024		
Machine Age	hrs	Client Info		12818		
Oil Age	hrs	Client Info		3175		
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	15		
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		91		
Zinc	ppm	ASTM D5185m		13		
Sulfur	ppm	ASTM D5185m		232		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	1		
Sodium	ppm	ASTM D5185m		3		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.14	0.24		



OIL ANALYSIS REPORT



White Metal Yellow Metal Precipitate	scalar scalar	*Visual *Visual	NONE	NONE			
	scalar	*\/iouol					
Precipitate		visuai	NONE	NONE			
	scalar	*Visual	NONE	NONE			
Silt	scalar	*Visual	NONE	NONE			
Debris	scalar	*Visual	NONE	NONE			
Sand/Dirt	scalar	*Visual	NONE	NONE			
			>0.1				
Free water	scalar	"VISUAI		NEG			
		method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	46	46.8			
SAMPLE IMAGES	\$	method	limit/base	current	history1	history2	
Color					no image	no image	
Bottom					no image	no image	
GRAPHS Ferrous Alloys							
5			Aar20/24				
—	5						
6 4 2 - 0							
Mar20/24			Mar20/24 -				
Viscosity @ 40°C			02	Acid Number			
u			(B/HO).2	20 -			
05 50 +			<u>ڦ</u> 0.1	5 Base			
ਤੋਂ ₄₅	*****		ag 0.1	10-			
Abnormal				95 -			
40				JU		20	
Mar20			Mar20	Mar20.		₹ <i>C</i> UC~=IM	
: UCH06141481 : 06141481 : 10966289 : IND 2	Recei Teste Diagn	ived : 08 d : 09 nosed : 10	3 Apr 2024 9 Apr 2024 Apr 2024 - Ang	2024 700 WASHINGTON AVE 2024 CARLSTADT, No 24 - Angela Borella US 07072 Contact: ELVIN DIA2			
	Appearance Odor Emulsified Water Free Water FLUID PROPERT Visc @ 40°C SAMPLE IMAGES Color Bottom GRAPHS Ferrous Alloys Ferrous Alloys Viscosity @ 40°C	Appearance scalar Odor scalar Emulsified Water scalar Free Water scalar Fluid PROPERTIES Visc @ 40°C cSt SAMPLE IMAGES Color Bottom GRAPHS Ferrous Alloys ¹⁰	Appearance scalar *Visual Odor scalar *Visual Emulsified Water scalar *Visual Free Water scalar *Visual FLUID PROPERTIES method Visc @ 40°C cSt ASTM D445 SAMPLE IMAGES method Color Bottom GRAPHS Ferrous Alloys 5 5 5 5 5 5 5 5 5 5 5 5 5	Appearance scalar *Visual NORML Odor scalar *Visual NORML Emulsified Water scalar *Visual >0.1 Free Water scalar *Visual *0 Madison Ave., Cary, NC 27513 WearCheck USA - 501 Madison Ave., Cary, NC 27513 UCH06141481 Free Water *08 Apr 2024 10966289 Diagnosed :10 Apr 2024 Ang	Appearance scalar 'Visual NORML NORML Appearance scalar 'Visual NORML NORML Emulsified Water scalar 'Visual >0.1 NEG Free Water scalar 'Visual NORML NORM NORML NORM NORML NORM N	Appearance scalar 'Visual NORML NORML Odor scalar 'Visual NORML NORML Emulsified Water scalar 'Visual NORML NORML Free Water scalar 'Visual NORML NORML Free Water scalar 'Visual NORML NEG FLUD PROPERTIES method Imit/base current history1 Visc @ 40°C cSt ASTM D445 46 46.8 SAMPLE IMAGES method Imit/base current history1 Color no image Bottom no image GRAPHS Ferrous Alloys 	

Report Id: UCAIRCAR [WUSCAR] 06141481 (Generated: 04/10/2024 17:53:33) Rev: 1

Contact/Location: ELVIN DIAZ - UCAIRCAR