

OIL ANALYSIS REPORT

Area NOT GIVEN [420501] ATLAS COPCO API795988 - FERRERO

Component Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

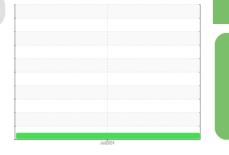
All component wear rates are normal.

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



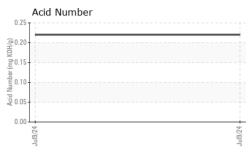
NORMAL

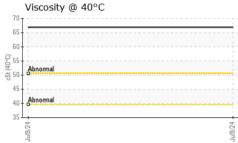
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06236989		
Sample Date		Client Info		09 Jul 2024		
Machine Age	hrs	Client Info		6620		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1		
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	<1		
Copper	ppm	ASTM D5185m	>65	<1		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		489		
Zinc	ppm	ASTM D5185m		19		
Sulfur	ppm	ASTM D5185m		507		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.22		



OIL ANALYSIS REPORT

VISUAL





	VICONE		memou	11111/0430	Current	matory	113(01)2
V	hite Metal	scalar	*Visual	NONE	NONE		
Y	ellow Metal	scalar	*Visual	NONE	NONE		
Ρ	recipitate	scalar	*Visual	NONE	NONE		
	ilt	scalar	*Visual	NONE	NONE		
	ebris	scalar	*Visual	NONE	NONE		
S	and/Dirt	scalar	*Visual	NONE	NONE		
	ppearance	scalar	*Visual	NORML	NORML		
	dor	scalar	*Visual	NORML	NORML		
	mulsified Water	scalar	*Visual	>0.1	NEG		
F	ree Water	scalar	*Visual		NEG		
	FLUID PROPERT	IES	method	limit/base	current	history1	history
V	ïsc @ 40°C	cSt	ASTM D44	15	66.9		
	SAMPLE IMAGES		method	limit/base	current	history1	history
С	olor					no image	no image
в	ottom					no image	no image
	Non-ferrous Metals	;		\$2/6inc			
	Viscosity @ 40°C				Acid Number		
40 30	earCheck USA - 501	Madiso Rece i		Jul9/24	Jul9/24	TIC COMPRES:	SOR SYSTE
er :062 ber :11 ge :INE	<mark>236989</mark> 125823	Teste Diagr ce at 1-8	d : nosed :	17 Jul 2024 17 Jul 2024 - Do	-	C, Conta aticcompressor.com;canas	ARLSTADT, US 07 ct: ELVIN D

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)

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Certificate L2367

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