

OIL ANALYSIS REPORT

Area NOT GIVEN [420501] ATLAS COPCO API794041 - 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

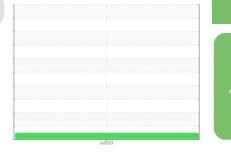
All component wear rates are normal.

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



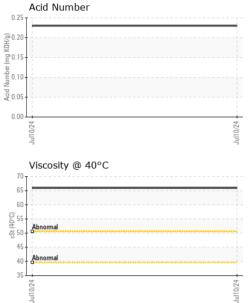
NORMAL

SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06236988		
Sample Date		Client Info		10 Jul 2024		
Machine Age	hrs	Client Info		25792		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
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		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		546		
Zinc	ppm	ASTM D5185m		4		
Sulfur	ppm	ASTM D5185m		596		
CONTAMINANTS		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		0.23		



OIL ANALYSIS REPORT

VISUAL



	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		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
/24 -	Appearance	scalar	*Visual	NORML	NORML		
Jul10/24	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.1	NEG		
	Free Water	scalar	*Visual	20.1	NEG		
			VISUAI		NEG		
	FLUID PROPER	TIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445		65.9		
	SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Jul10/24	Color					no image	no image
	Bottom					no image	no image
	Non-ferrous Meta			Jul10/24	Acid Number		
				。 学			
	60- 60- 50- 40- 40- 40- 40- 40- 40- 40- 4			(b) HOX 0.25- (b) HOX 0.20- Bull 0.20- Bull 0.20- Bull 0.20- Bull 0.20- Bull 0.20- Bull 0.20- Bull 0.20- Bull 0.25- Bull 0.20- Bull	Jult0/24		
Laboratory Sample No. Lab Number	: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCH06236988 Received : 15 Jul 2024 700 WASHINGTO						

Contact/Location: ELVIN DIAZ - UCAIRCAR