

# **OIL ANALYSIS REPORT**

#### Area NOT GIVEN Machine Id INGERSOLL RAND FF3106U08266 - PLAZE Component

Component Compressor

#### DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

## Wear

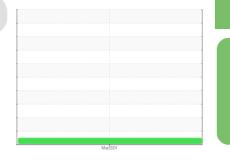
All component wear rates are normal.

#### 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 suitable for further service.



Sample Rating Trend

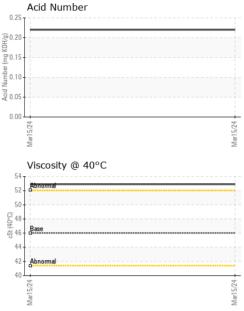


NORMAL

SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06141466		
Sample Date		Client Info		15 Mar 2024		
Machine Age	hrs	Client Info		67371		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.8	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	0		
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	0		
Barium	ppm	ASTM D5185m	525	717		
Molybdenum	ppm	ASTM D5185m	10	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	5	0		
Calcium	ppm	ASTM D5185m	10	0		
Phosphorus	ppm	ASTM D5185m	250	0		
Zinc	ppm	ASTM D5185m	100	0		
Sulfur	ppm	ASTM D5185m	400	332		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		23		
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		method	limit/base	current	history1	history2
	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		
Marl 5/24	Appearance	scalar	*Visual	NORML	NORML		
Ma	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.8	NEG		
	Free Water	scalar	*Visual		NEG		
	FLUID PROPER	TIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	46	52.9		
	SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Marls/24	Color					no image	no image
	Bottom				a-	no image	no image
	Non-ferrous Meta	ls		Mar15/24			
	Viscosity @ 40°C			Mart5/24 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			
Laboratory Sample No. Lab Number Unique Number Test Package	: 10966274 : IND 2	Recei Teste Diagr	ived : 08 ed : 09 nosed : 10	: 08 Apr 2024 4700 LEBOUF : 09 Apr 2024 SAII			

Ū

Contact/Location: RACHEL VON HATTEN - UCJOHSAI

Page 2 of 2