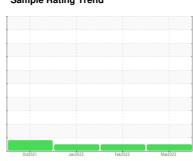


# **OIL ANALYSIS REPORT**

## Sample Rating Trend







# Machine Id ARIEL

Component

Reciprocating Compressor

NOT GIVEN (--- GAL)

#### 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. The amount and size of particulates present in the system are acceptable.

## **Fluid Condition**

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

		0ct202	1 Jan 2022	Feb 2022 M	ar2022	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO7000043	TO50000458	TO50000453
Sample Date		Client Info		16 Mar 2022	22 Feb 2022	27 Jan 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	0
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m		0	0	0
Tin	ppm	ASTM D5185m	>15	0	0	0
Antimony	ppm	ASTM D5185m	>10			
Vanadium		ASTM D5185m		0	0	0
	ppm			-		
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m		0	1	2
Calcium	ppm	ASTM D5185m		0	6	7
Phosphorus	ppm	ASTM D5185m		15	31	27
Zinc	ppm	ASTM D5185m		0	9	6
Sulfur	ppm	ASTM D5185m		2271	2332	2225
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	<1	2
Sodium	ppm	ASTM D5185m		0	0	0
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water	%	ASTM D6304	>0.1	0.002	0.001	0.002
ppm Water	ppm	ASTM D6304	>1000	18.7	0.2	16.8
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	3779	4945	6108
Particles >6µm		ASTM D7647	>2500	542	717	1021
Particles >14µm		ASTM D7647	>320	32	39	61
Particles >21µm		ASTM D7647		7	9	16
Particles >38µm		ASTM D7647	>20	0	0	0
Particles >71µm		ASTM D7647		0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	19/16/12	19/17/12	20/17/13
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2
PLOID DEGITADA	HIOIV	method	- IIIIII base	Carrent	Thistory	HISTOLYZ

Acid Number (AN)

mg KOH/g ASTM D8045

Contact/Location: DUSTIN FRY - GARROW

0.026

Report Id: GARROW [WUSCAR] 05535252 (Generated: 07/19/2023 15:26:09) Rev: 1

0.046



## **OIL ANALYSIS REPORT**

