

OIL ANALYSIS REPORT

Sample Rating Trend



Area

EDWARD PLANT C-2161 (S/N XC0342)

Refrigeration Compressor

TULCO LUBSOIL SYN RL WI 100 (250 GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

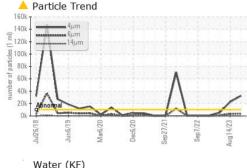
Fluid Condition

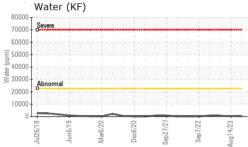
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

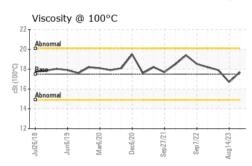
.)		ul2018 Ju	n2019 Mar2020 De	c2020 Sep2021 Sep2022	Aug2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO90003246	TO90002230	TO90002330
Sample Date		Client Info		14 Mar 2024	14 Aug 2023	15 Mar 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	8	8	7
Chromium	ppm	ASTM D5185m	>2	0	0	0
Nickel	ppm	ASTM D5185m		<1	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>3	<1	0	1
Lead	ppm	ASTM D5185m	>2	0	0	0
Copper	ppm	ASTM D5185m	>8	2	1	0
Tin	ppm	ASTM D5185m	>4	3	3	1
Vanadium	ppm	ASTM D5185m		0	0	<1
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	<1
Manganese	ppm	ASTM D5185m		1	<1	<1
Magnesium	ppm	ASTM D5185m		2	2	5
Calcium	ppm	ASTM D5185m		44	41	45
Phosphorus	ppm	ASTM D5185m	1500	805	766	667
Zinc	ppm	ASTM D5185m		2	0	10
Sulfur	ppm	ASTM D5185m		57	99	63
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	3	3	2
Sodium	ppm	ASTM D5185m		2	1	0
Potassium	ppm	ASTM D5185m		3	1	1
Water	%	ASTM D6304	>2.26	0.027	0.039	0.056
ppm Water	ppm	ASTM D6304	>22600	278	395.6	564.4
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	▲ 32589	<u>22788</u>	5224
Particles >6µm		ASTM D7647	>2500	3751	▲ 3522	933
Particles >14μm		ASTM D7647	>320	101	85	27
Particles >21µm		ASTM D7647	>80	18	12	7
Particles >38μm		ASTM D7647	>20	0	0	0
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	<u>22/19/14</u>	<u>22/19/14</u>	20/17/12
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974	0.04	0.087	0.031	

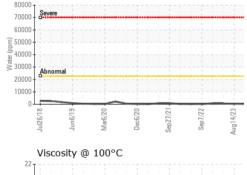


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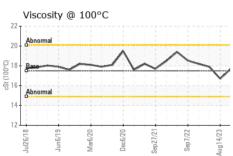


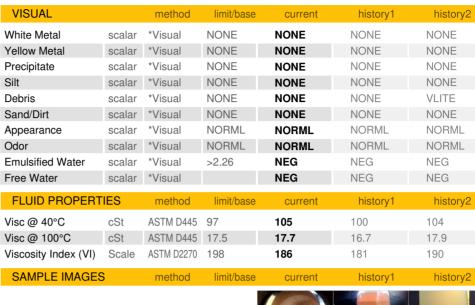






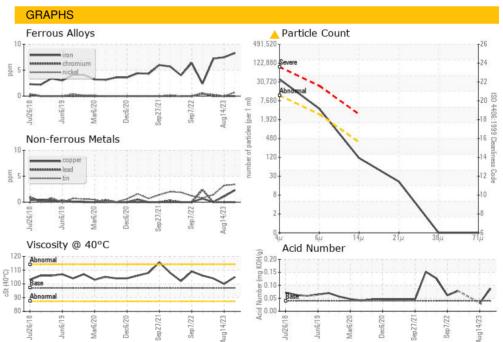
Water (KF)





Color **Bottom**









Lab Number

Laboratory Sample No.

: TO90003246

: 06150501 Unique Number: 10980579

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 16 Apr 2024

Tested : 17 Apr 2024 Diagnosed : 18 Apr 2024 - Don Baldridge

Test Package: IND 2 (Additional Tests: KV100, PrtCount, VI) Certificate 12367 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.

TARGA RESOURCES - EDWARD

1757 COUNTY ROAD 250 MIDKIFF, TX

US 79755

Contact: BRANDON CERVANTES bcervantes@targaresources.com

T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Report Id: TAREDWA [WUSCAR] 06150501 (Generated: 04/18/2024 15:10:49) Rev: 1

Submitted By: ERIC THORNTON