

OIL ANALYSIS REPORT

Sample Rating Trend



COMP 5 (S/N 1029)

Component

Air Compressor

TULCO LUBSOIL SYN FG COMPRESSOR

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

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

46 (48 GAL)			ıİlıld	tellette .	j.j 🖊	
SAMPLE INFORM	MATION	method	limit/base	Jul2019 Jun2020 Feb2021 Current	history1	history2
Sample Number		Client Info		TO40000353	TO50000255	TO50000305
Sample Date		Client Info		21 Mar 2024	22 Sep 2021	23 Aug 2021
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	NORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	1	<1
Chromium	ppm	ASTM D5185m	>4	0	0	0
Nickel	ppm	ASTM D5185m	>4	<1	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	<1	0
Aluminum	ppm	ASTM D5185m	>10	<1	0	<1
Lead	ppm	ASTM D5185m	>20	0	0	0
Copper	ppm	ASTM D5185m	>40	3	5	5
Tin	ppm	ASTM D5185m	>5	<1	0	0
Antimony	ppm	ASTM D5185m			<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	<1	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m		0	0	0
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m	325	803	79	70
Zinc	ppm	ASTM D5185m		22	114	89
Sulfur	ppm	ASTM D5185m		532	84	0
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	0	0
Sodium	ppm	ASTM D5185m		2	0	0
Potassium	ppm	ASTM D5185m	>20	<1	0	0
Water	%	ASTM D6304	>0.6	0.001	0.003	0.003
ppm Water	ppm	ASTM D6304	>6000	15	27.1	29.7
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		51422	1874	
Particles >6µm		ASTM D7647	>1300	<u> </u>	225	
Particles >14µm		ASTM D7647	>80	298	12	
Particles >21µm		ASTM D7647	>20	<u>^</u> 60	3	
Particles >38µm		ASTM D7647	>4	2	0	
Particles >71µm		ASTM D7647	>3	0	0	
Oil Cleanliness		ISO 4406 (c)	>/17/13	<u>23/20/15</u>	18/15/11	

FLUID DEGRADATION

method

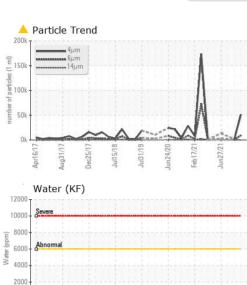
current

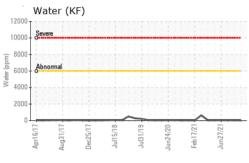
limit/base

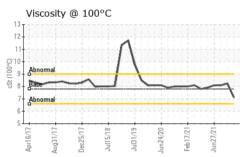
history2

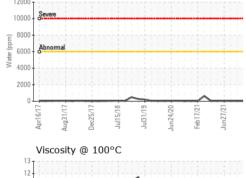


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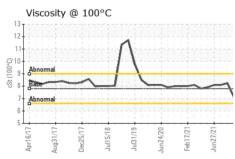




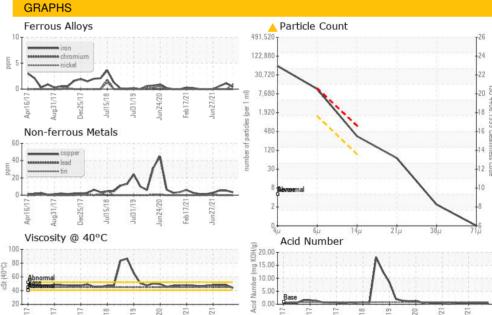




Water (KF)









Laboratory Sample No. Lab Number

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : TO40000353

: 06132041 Unique Number: 10951506 Received : 28 Mar 2024

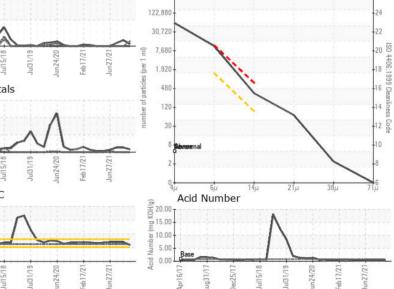
Tested : 29 Mar 2024 Diagnosed : 02 Apr 2024 - Jonathan Hester

Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI) Certificate L2367

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

To discuss this sample report, contact Customer Service at 1-800-237-1369.

fvillasenor@freshexpress.com T: (678)422-4080 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: x:



FRESH EXPRESS - MORROW

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