

PROBLEM SUMMARY

Sample Rating Trend

2005 A-7009 A-7013 Na-011 M-013 A-2010 A-2020 O



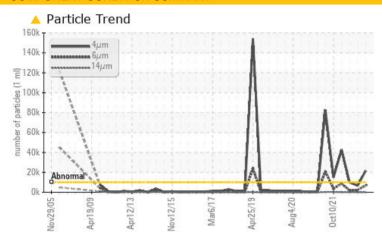
RECO TYSSHE 2-1

Component

Refrigeration Compressor

USPI ALT-68 SC (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status			ABNORMAL	NORMAL	NORMAL			
Particles >4µm	ASTM D7647	>10000	<u>^</u> 21600	6731	9853			
Particles >6µm	ASTM D7647	>2500	▲ 6866	2232	1827			
Oil Cleanliness	ISO 4406 (c)	>20/18/15	22/20/14	20/18/12	20/18/12			

Customer Id: TYSSHETN Sample No.: USP0000701 Lab Number: 05922851 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Doug Bogart +1 (800)237-1369 x4016 dougb@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

20 Apr 2023 Diag: Doug Bogart

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



07 Nov 2022 Diag: Doug Bogart

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



12 Jan 2022 Diag: Jonathan Hester

ISO



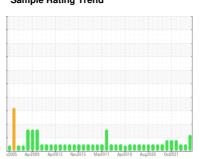
Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

Sample Rating Trend



ISO



RECO TYSSHE 2-1

Component

Refrigeration Compressor

USPI ALT-68 SC (--- GAL)

DIAGNOSIS

Recommendation

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.

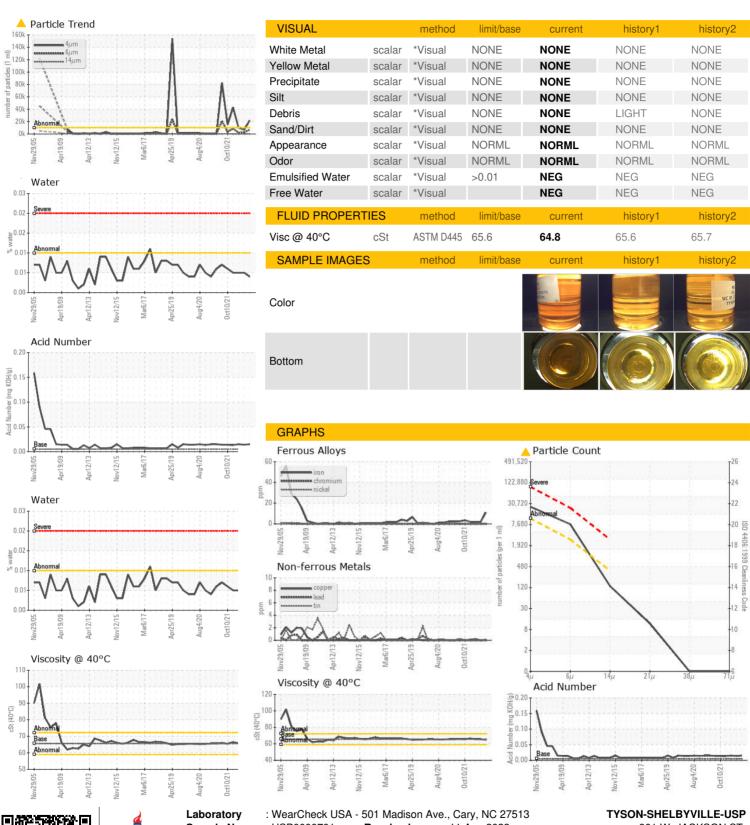
SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP0000701	USP05826275	USP05688435
Sample Date		Client Info		12 Aug 2023	20 Apr 2023	07 Nov 2022
	nrs	Client Info		0	0	0
, and the second	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron p	opm	ASTM D5185m	>8	11	2	2
Chromium	opm	ASTM D5185m	>2	0	0	0
Nickel	opm	ASTM D5185m		0	0	0
	opm	ASTM D5185m		0	0	0
	opm	ASTM D5185m	>2	0	0	0
	opm	ASTM D5185m	>3	1	0	0
	opm	ASTM D5185m	>2	0	0	0
	opm	ASTM D5185m	>8	<1	0	<1
	opm	ASTM D5185m	>4	0	0	0
	opm	ASTM D5185m				
	opm	ASTM D5185m		<1	0	0
	opm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	opm	ASTM D5185m		0	0	0
	opm	ASTM D5185m		0	0	0
	opm	ASTM D5185m		0	0	0
	opm	ASTM D5185m		<1	<1	0
	opm	ASTM D5185m		0	1	0
,	opm	ASTM D5185m		0	<1	0
	opm	ASTM D5185m		<1	<1	0
	opm	ASTM D5185m		0	0	0
	opm	ASTM D5185m	50	0	5	0
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	opm	ASTM D5185m	>15	2	2	3
	opm	ASTM D5185m	7.0	0	<1	0
	opm	ASTM D5185m	>20	0	0	0
	%	ASTM D5103111	>0.01	0.004	0.005	0.005
	opm	ASTM D6304	>100	42	58.0	59.0
FLUID CLEANLINE	•	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	<u>^</u> 21600	6731	9853
Particles >6µm		ASTM D7647		<u> </u>	2232	1827
Particles >14µm		ASTM D7647	>320	116	36	40
Particles >21µm		ASTM D7647		10	3	5
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>^ 22/20/14</u>	20/18/12	20/18/12
FLUID DEGRADAT	ION	method	limit/base	current	history1	history2

0.014

0.015



OIL ANALYSIS REPORT







Certificate L2367

Sample No. Lab Number **Unique Number**

: USP0000701 : 05922851 : 10602798 Test Package : IND 2

Received : 11 Aug 2023 : 14 Aug 2023 Diagnosed

: Doug Bogart Diagnostician

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.

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

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US 37160

Contact: WES WYATT

T: F: