

Machine Id MYCOM A

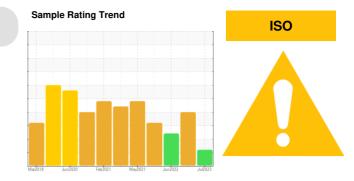
Component Compressor

PROBLEM SUMMARY

lun9/22

May6/21

Jul19/23



COMPONENT CONDITION SUMMARY

Feb10/21

RECOMMENDATION

0k

Mar26/18

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Jun8/20

TULCO LUBSOIL LPG WI 100 (--- GAL)

PROBLEMATIC TEST RESULTS							
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL		
Particles >4µm	ASTM D7647	>10000	🔺 15691	1 00713	9886		
Particles >6µm	ASTM D7647	>1300	A 3471	4 34517	🔺 1661		
Oil Cleanliness	ISO 4406 (c)	>20/17/15	<u> </u>	4 /22/19	2 0/18/12		

Customer Id: MELMELTX Sample No.: TO60000405 Lab Number: 05905466 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

01 Dec 2022 Diag: Angela Borella



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.

09 Jun 2022 Diag: Don Baldridge

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. Elemental level of silicon (Si) above normal indicating ingress of seal material. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

31 Jan 2022 Diag: Doug Bogart



We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. Elemental level of silicon (Si) above normal indicating ingress of seal material. The AN level is acceptable for this fluid.



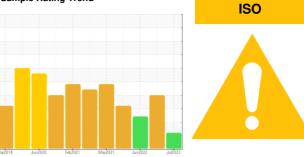






OIL ANALYSIS REPORT

Sample Rating Trend



Component Compressor Fluid TULCO LUBSOIL LPG WI 100 (--- GAL)

DIAGNOSIS

Machine Id

Recommendation

MYCOM A

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. 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.

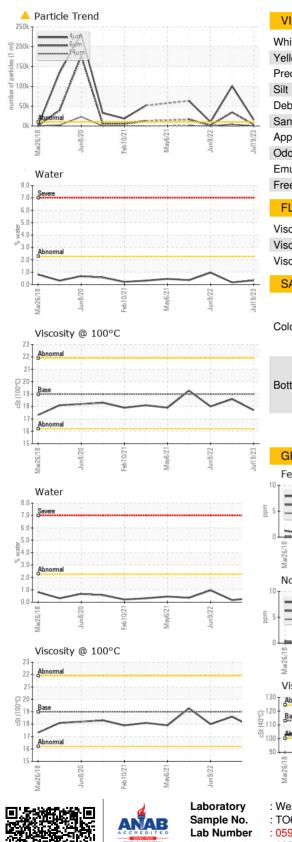
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO60000405	TO50000123	TO50000121
Sample Date		Client Info		19 Jul 2023	01 Dec 2022	09 Jun 2022
Machine Age	wks	Client Info		0	0	0
Oil Age	wks	Client Info		0	0	0
Oil Changed		Client Info		Filtered	Filtered	Filtered
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	<1	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	0	0	<1
Lead	ppm	ASTM D5185m	>25	0	0	<1
Copper	ppm	ASTM D5185m	>50	0	0	0
Tin	ppm	ASTM D5185m	>15	<1	<1	1
Antimony	ppm	ASTM D5185m				
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	<1
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	<1
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	0	0	2	<1
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m	0	0	38	17
Zinc	ppm	ASTM D5185m	0	0	5	0
Sulfur	ppm	ASTM D5185m	0	1420	1607	2656
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	23	4 35	3 7
Sodium	ppm	ASTM D5185m		0	1	0
Potassium	ppm	ASTM D5185m	>20	1	0	<1
Water	%	ASTM D6304	>2.26	0.344	0.172	0.963
ppm Water	ppm	ASTM D6304	>22600	3446.2	1725.0	9630
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	A 15691	▲ 100713	9886
Particles >6µm		ASTM D7647	>1300	<u> </u>	4 34517	▲ 1661
Particles >14µm		ASTM D7647	>320	111	4038	34
Particles >21µm		ASTM D7647	>80	23	1 370	9
Particles >38µm		ASTM D7647	>20	0	▲ 76	0
Particles >71µm		ASTM D7647	>4	0	4	0
Oil Cleanliness		ISO 4406 (c)	>20/17/15	A 21/19/14	4/22/19	▲ 20/18/12
FLUID DEGRADA		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.156	0.79	0.401
:17:06) Rev: 1					on: BILL PALME	

Report Id: MELMELTX [WUSCAR] 05905466 (Generated: 07/26/2023 15:17:06) Rev: 1

Contact/Location: BILL PALMER - MELMELTX

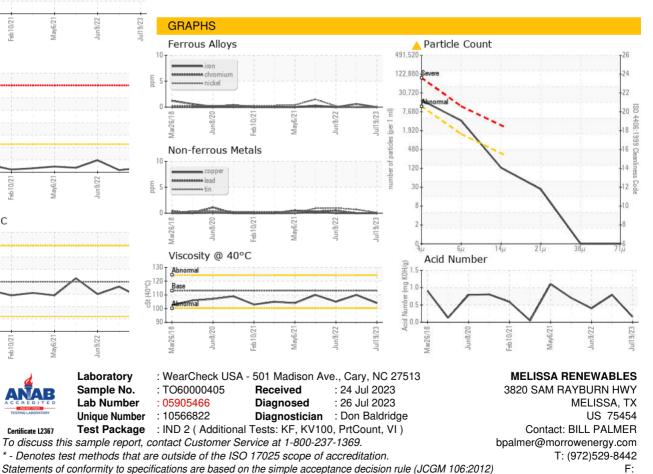


OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	LIGHT	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	VLITE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>2.26	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	113	104	110	105
Visc @ 100°C	cSt	ASTM D445	19	17.7	18.6	18.0
Viscosity Index (VI)	Scale	ASTM D2270	189	188	189	190
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						

Bottom



Certificate L2367

Contact/Location: BILL PALMER - MELMELTX