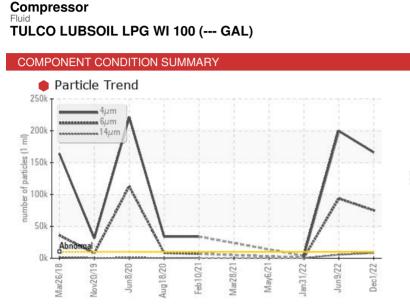


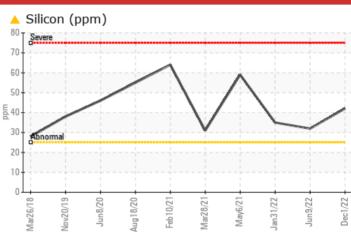
Machine Id MYCOM B

Component

PROBLEM SUMMARY

Sample Rating Trend





RECOMMENDATION

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status				SEVERE	SEVERE	NORMAL		
Silicon	ppm	ASTM D5185m	>25	<u> </u>	▲ 32	35		
Particles >4µm		ASTM D7647	>10000	🛑 166203	• 199741	3738		
Particles >6µm		ASTM D7647	>1300	e 75162	93775	1019		
Particles >14µm		ASTM D7647	>320	8202	b 5545	86		
Particles >21µm		ASTM D7647	>80	e 2669	820	17		
Particles >38µm		ASTM D7647	>20	🛑 162	2	0		
Particles >71µm		ASTM D7647	>4	<u> </u>	0	0		
Oil Cleanliness		ISO 4406 (c)	>20/17/15	• 25/23/20	• 25/24/20	19/17/14		

Customer Id: MELMELTX Sample No.: TO50000122 Lab Number: 05708433 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Angela Borella +1 800-237-1369 angela.borella@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

09 Jun 2022 Diag: Angela Borella



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 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. The condition of the oil is acceptable for the time in service.





ST Jall 2022 Diay. Doug

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

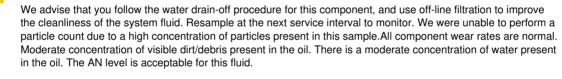


view repor



06 May 2021 Diag: Jonathan Hester

00 May 2021 Diag. 001

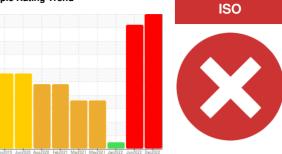






OIL ANALYSIS REPORT

Sample Rating Trend



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

DIAGNOSIS

Machine Id

Recommendation

MYCOM B

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 particulates present in the oil. Elemental level of silicon (Si) above normal indicating ingress of seal material.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

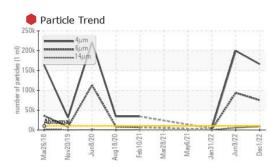
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO50000122	TO50000130	TO50000085
Sample Date		Client Info		01 Dec 2022	09 Jun 2022	31 Jan 2022
Machine Age	wks	Client Info		0	0	0
Oil Age	wks	Client Info		0	0	0
Oil Changed		Client Info		Filtered	Filtered	N/A
Sample Status				SEVERE	SEVERE	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	0	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	<1	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Lead	ppm	ASTM D5185m	>25	0	<1	<1
Copper		ASTM D5185m		0	<1	<1
Tin	ppm	ASTM D5185m	>50 >15	۰ ۱	1	<1
	ppm	ASTM D5185m	>10	<1		<1
Antimony	ppm					
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		U	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	3	3
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	<1	<1
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	0	2	2	<1
Calcium	ppm	ASTM D5185m		0	3	<1
Phosphorus	ppm	ASTM D5185m	0	37	27	17
Zinc	ppm	ASTM D5185m	0	5	0	0
Sulfur	ppm	ASTM D5185m	0	987	2528	946
CONTAMINANTS	\$	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4 2	▲ 32	35
Sodium	ppm	ASTM D5185m		0	0	0
Potassium	ppm	ASTM D5185m	>20	0	<1	1
Water	%	ASTM D6304	>2.26	0.208	0.297	0.685
ppm Water	ppm	ASTM D6304	>22600	2086.3	2971.3	6851.6
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	166203	• 199741	3738
Particles >6µm		ASTM D7647	>1300	e 75162	93775	1019
Particles >14µm		ASTM D7647	>320	8202	• 5545	86
Particles >21µm		ASTM D7647	>80	e 2669	820	17
Particles >38μm		ASTM D7647	>20	162	2	0
Particles >71µm		ASTM D7647	>4	<u> </u>	0	0
Oil Cleanliness		ISO 4406 (c)	>20/17/15	• 25/23/20	25/24/20	19/17/14
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.68	0.259	0.338
.E1.00) Devis 1	3 9			0		

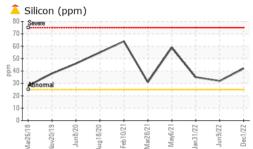
Report Id: MELMELTX [WUSCAR] 05708433 (Generated: 07/19/2023 14:51:26) Rev: 1

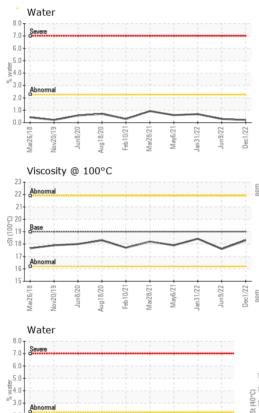
Contact/Location: BILL PALMER - MELMELTX



OIL ANALYSIS REPORT







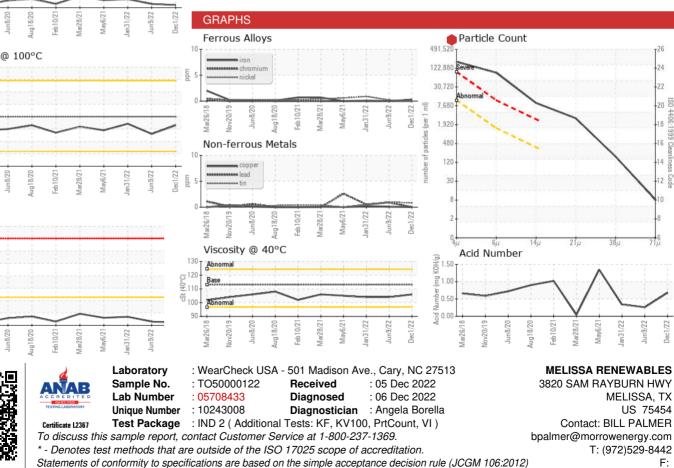
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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
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 PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	113	106	104	104
Visc @ 100°C	cSt	ASTM D445	19	18.3	17.6	18.43
Viscosity Index (VI)	Scale	ASTM D2270	189	192	186	197
SAMPLE IMAGES	5	method	limit/base	current	history1	history2
Color						
Bottom						



Contact/Location: BILL PALMER - MELMELTX