

PROBLEM SUMMARY

Sample Rating Trend

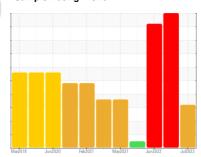


MYCOM B

Component

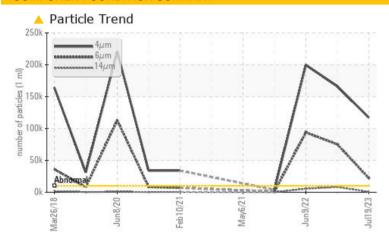
Compressor

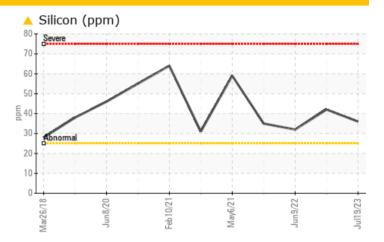
TULCO LUBSOIL LPG WI 100 (--- GAL)





COMPONENT CONDITION SUMMARY





RECOMMENDATION

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.

PROBLEMATIC TEST RESULTS										
Sample Status				ABNORMAL	SEVERE	SEVERE				
Silicon	ppm	ASTM D5185m	>25	<u>▲</u> 36	<u>42</u>	△ 32				
Particles >4µm		ASTM D7647	>10000	<u> </u>	166203	199741				
Particles >6µm		ASTM D7647	>1300	<u>22381</u>	1 75162	93775				
Particles >14µm		ASTM D7647	>320	523	8202	5545				
Oil Cleanliness		ISO 4406 (c)	>20/17/15	<u>4</u> 24/22/16	25/23/20	25/24/20				

Customer Id: MELMELTX Sample No.: TO60000404 Lab Number: 05905470 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:

Don Baldridge +1 don.b505@comcast.net

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

01 Dec 2022 Diag: Angela Borella

ISO



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.



09 Jun 2022 Diag: Angela Borella

ISO



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.



31 Jan 2022 Diag: Doug Bogart

NORMAL



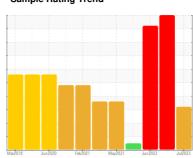
Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for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





OIL ANALYSIS REPORT

Sample Rating Trend





MYCOM B

Component

Compressor

TULCO LUBSOIL LPG WI 100 (--- GAL)

DIAGNOSIS

Recommendation

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 particulates present in the oil. Elemental level of silicon (Si) above normal.

Fluid Condition

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

		Mar2018	Jun2020 Feb2021	May2021 Jun2022	Jul2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO60000404	TO50000122	TO50000130
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		N/A	Filtered	Filtered
Sample Status				ABNORMAL	SEVERE	SEVERE
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	<1	0
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		<1	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	<1
Tin	ppm	ASTM D5185m	>15	<1	<1	1
Antimony	ppm	ASTM D5185m				
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	0	0	3
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	<1
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	0	0	2	2
Calcium	ppm	ASTM D5185m		0	0	3
Phosphorus	ppm	ASTM D5185m	0	0	37	27
Zinc	ppm	ASTM D5185m	0	0	5	0
Sulfur	ppm	ASTM D5185m	0	1990	987	2528
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	▲ 36	<u>42</u>	▲ 32
Sodium	ppm	ASTM D5185m		0	0	0
Potassium	ppm	ASTM D5185m	>20	<1	0	<1
Water	%	ASTM D6304	>2.26	0.343	0.208	0.297
ppm Water	ppm	ASTM D6304	>22600	3435.2	2086.3	2971.3
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647	>10000	<u> </u>	1 66203	199741
Particles >6µm		ASTM D7647	>1300	<u>^</u> 22381	75162	93775
Particles >14μm		ASTM D7647	>320	<u>▲</u> 523	8202	5545
Particles >21µm		ASTM D7647	>80	79	2669	820
Particles >38µm		ASTM D7647	>20	1	1 62	2
Particles >71µm		ASTM D7647	>4	0	<u>^</u> 7	0
Oil Cleanliness		ISO 4406 (c)	>20/17/15	<u>4</u> 24/22/16	2 5/23/20	25/24/20
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

Acid Number (AN)

mg KOH/g ASTM D8045

Contact/Location: BILL PALMER - MELMELTX

0.68

0.259



OIL ANALYSIS REPORT

