

PROBLEM SUMMARY

Sample Rating Trend



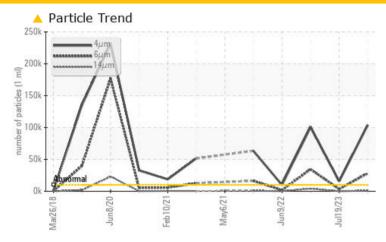
MYCOM A

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	. ABNORMAL	ABNORMAL					
Particles >4µm	ASTM D7647 >1	0000 A 103819	<u>▲</u> 15691	<u>▲</u> 100713					
Particles >6µm	ASTM D7647 >1	300 A 28004	△ 3471	△ 34517					
Particles >14µm	ASTM D7647 >3	20 A 989	111	4 038					
Particles >21µm	ASTM D7647 >8	0 🔺 139	23	<u></u> 1370					
Oil Cleanliness	ISO 4406 (c) >2	0/17/15 4 24/22/17	<u>^</u> 21/19/14	2 4/22/19					

Customer Id: MELMELTX Sample No.: TO60001320 Lab Number: 05924359 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

19 Jul 2023 Diag: Don Baldridge

ISO



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 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.



01 Dec 2022 Diag: Angela Borella

DIRT



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

DIRT



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.





OIL ANALYSIS REPORT

Sample Rating Trend

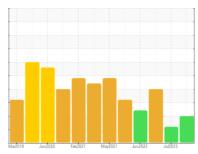


MYCOM A

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.

Fluid Condition

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

		Mar2018	Jun2020 Feb2021	May2021 Jun2022 J	ul2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO60001320	TO60000405	TO50000123
Sample Date		Client Info		09 Aug 2023	19 Jul 2023	01 Dec 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	0	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>25	<1	0	0
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	0	0	0
Tin	ppm	ASTM D5185m	>15	0	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m		0	<1	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	0	5	0	2
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m	0	5	0	38
Zinc	ppm	ASTM D5185m	0	0	0	5
Sulfur	ppm	ASTM D5185m	0	1787	1420	1607
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	18	23	△ 35
Sodium	ppm	ASTM D5185m		0	0	1
Potassium	ppm	ASTM D5185m	>20	2	1	0
Water	%	ASTM D6304	>2.26	0.383	0.344	0.172
ppm Water	ppm	ASTM D6304	>22600	3835.2	3446.2	1725.0
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	<u> </u>	<u> </u>	<u> 100713</u>
Particles >6µm		ASTM D7647	>1300	28004	<u>▲</u> 3471	<u>▲</u> 34517
Particles >14µm		ASTM D7647	>320	989	111	▲ 4038
Particles >21µm		ASTM D7647	>80	<u> </u>	23	<u>▲</u> 1370
Particles >38µm		ASTM D7647	>20	0	0	▲ 76
Particles >71µm		ASTM D7647	>4	0	0	4
Oil Cleanliness		ISO 4406 (c)	>20/17/15	<u>4</u> 24/22/17	<u>21/19/14</u>	4 24/22/19
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
A a lal Ni mala a u (ANI)		ACTM DODAE		O EE	0.450	0.70

Acid Number (AN)

mg KOH/g ASTM D8045

0.156

0.55

0.79



OIL ANALYSIS REPORT



* - 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)

T: (972)529-8442