

# **PROBLEM SUMMARY**

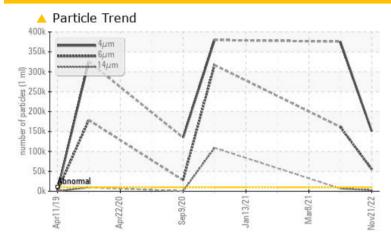
# Sample Rating Trend ISO

BOSS XTO-HASTA LA VISTA (S/N 116564)

Compressor

**TULCO LUBSOIL LPG WS 150 (7 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	>10000	<u> </u>	<b>▲</b> 375682						
Particles >6µm		ASTM D7647	>1300	<u> </u>	<u> </u>						
Particles >14µm		ASTM D7647	>320	<b>2577</b>	<u>▲</u> 6774						
Particles >21µm		ASTM D7647	>80	<b>427</b>	<b>900</b>						
Oil Cleanliness		ISO 4406 (c)	>20/17/15	<u>4</u> 24/23/19	<u>^</u> 26/25/20						
Debris	scalar	*Visual	NONE	MODER	LIGHT	▲ MODER					

Customer Id: RICHOB Sample No.: TO90002713 **Lab Number:** 05747972 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

# 05 Oct 2022 Diag: Jonathan Hester

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



# 08 Mar 2021 Diag: Doug Bogart

VIS DEBRIS



We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



# 09 Feb 2021 Diag: Jonathan Hester

WATER



We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. There is a light concentration of water present in the oil. Moderate concentration of visible dirt/debris 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**

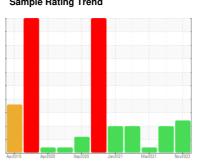
Sample Rating Trend

ISO

# BOSS XTO-HASTA LA VISTA (S/N 116564)

Compressor

**TULCO LUBSOIL LPG WS 150 (7 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. Moderate concentration of visible dirt/debris present in the oil.

# **Fluid Condition**

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

		Apr2019	Apr2020 Sep2020	Jan 2021 Mar 2021	Nov2022	
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TO90002713	TO90002611	TO90001304
Sample Date		Client Info		21 Nov 2022	05 Oct 2022	08 Mar 2021
Machine Age	hrs	Client Info		16674	16362	13052
Oil Age	hrs	Client Info		16674	16362	0
Oil Changed		Client Info		Filtered	Filtered	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	3	3	19
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		4	1	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		<1	0	<1
Aluminum	ppm	ASTM D5185m	>25	<1	0	0
Lead	ppm	ASTM D5185m	>25	0	<1	<1
Copper	ppm	ASTM D5185m	>50	0	0	<1
Tin	ppm	ASTM D5185m	>15	<1	2	<1
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	4
Barium	ppm	ASTM D5185m	0	<1	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m	0	0	0	0
Calcium	ppm	ASTM D5185m	0	<1	0	0
Phosphorus	ppm	ASTM D5185m	0	16	12	44
Zinc	ppm	ASTM D5185m	0	2	0	0
Sulfur	ppm	ASTM D5185m	0	26	52	0
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	1	0
Sodium	ppm	ASTM D5185m		4	0	6
Potassium	ppm	ASTM D5185m	>20	0	<1	<1
Water	%	ASTM D6304	>2.26	0.805	1.75	1.72
ppm Water	ppm	ASTM D6304	>22600	8050	17500	17200
FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	<u> </u>	▲ 375682	
Particles >6µm		ASTM D7647	>1300	<u>\$55361</u>	<u>▲</u> 161468	
Particles >14µm		ASTM D7647	>320	<u> </u>	<b>△</b> 6774	
Particles >21µm		ASTM D7647	>80	<b>427</b>	<b>4</b> 900	
Particles >38µm		ASTM D7647	>20	7	3	
Particles >71µm		ASTM D7647	>4	2	0	
Oil Cleanliness		ISO 4406 (c)	>20/17/15	<u>4</u> 24/23/19	<u>△</u> 26/25/20	
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2

0.154



# **OIL ANALYSIS REPORT**

