

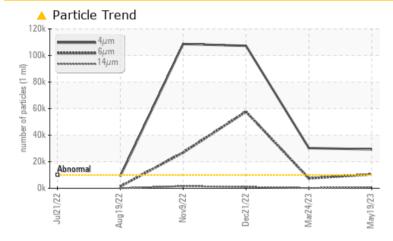
PROBLEM SUMMARY

BOSS PIERCE CANYON 28 (S/N 116789)

Compressor

TULCO LUBSOIL LPG WS 150 (10 GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TES	T RESULTS				
Sample Status		Α	BNORMAL	ABNORMAL	ABNORMAL
Particles >4µm	ASTM D7647 >	>10000 🔺	29343	<u> </u>	▲ 107299
Particles >6µm	ASTM D7647 >	>1300 🔺	10418	A 7436	5 7658
Particles >14µm	ASTM D7647 >	>320	733	183	<u> </u>
Particles >21µm	ASTM D7647 >	-80	95	30	🔺 195
Oil Cleanliness	ISO 4406 (c) >	>20/17/15 🔺	22/21/17	A 22/20/15	▲ 24/23/17

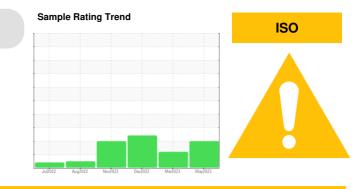
Customer Id: RICHOB Sample No.: TO90003416 Lab Number: 05867323 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Doug Bogart +1 (800)237-1369 x4016 <u>dougb@wearcheckusa.com</u>

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



RECOMMENDED ACTIONS					
Action	Status	Date	Done By	Description	
Change Filter	MISSED	Nov 30 2023	?	We recommend you service the filters on this component.	

HISTORICAL DIAGNOSIS



24 Mar 2023 Diag: Don Baldridge

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 silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

21 Dec 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 high amount of particulates 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.

ISO

09 Nov 2022 Diag: Angela Borella

We recommend you service the filters on this component. 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 acceptable for the time in service.



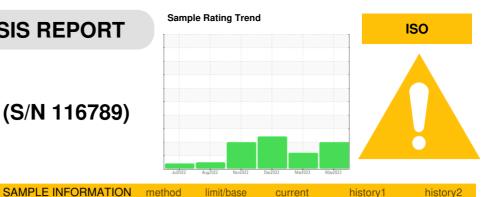
view report

view report





OIL ANALYSIS REPORT



Machine Id **BOSS PIERCE CANYON 28 (S/N 116789)** Component

Compressor Fluid

TULCO LUBSOIL LPG WS 150 (10 GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. 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

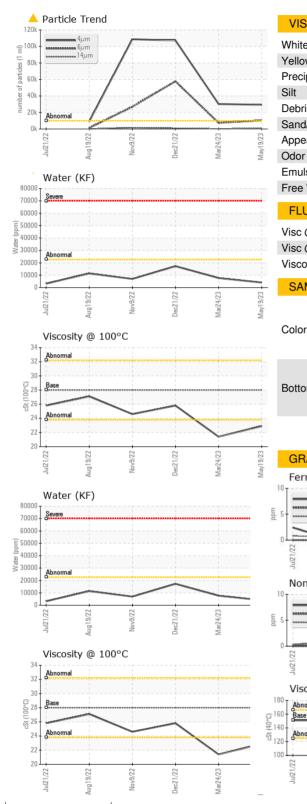
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFUNI		method	iinii/base	current	nistory i	nistory2
Sample Number		Client Info		TO90003416	TO90002855	TO90002867
Sample Date		Client Info		19 May 2023	24 Mar 2023	21 Dec 2022
Machine Age	hrs	Client Info		11229	10891	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	10	<1	2
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel	ppm	ASTM D5185m		<1	0	5
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>25	0	0	<1
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	<1	<1	<1
Tin	ppm	ASTM D5185m	>15	1	0	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		0	0	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m	0	0	0	<1
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m	0	2	0	<1
Calcium	ppm	ASTM D5185m	0	13	0	1
Phosphorus	ppm	ASTM D5185m	0	9	63	399
Zinc	ppm	ASTM D5185m	0	2	0	4
Sulfur	ppm	ASTM D5185m	0	146	65	229
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	1	2	<1
Sodium	ppm	ASTM D5185m		4	3	32
Potassium	ppm	ASTM D5185m	>20	2	<1	<1
Water	%	ASTM D6304		0.405	0.768	1.73
ppm Water	ppm	ASTM D6304	>22600	4050	7680	17300
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	<u> </u>	▲ 30260	▲ 107299
Particles >6µm		ASTM D7647		<u> </u>	A 7436	▲ 57658
Particles >14µm		ASTM D7647	>320	<u> </u>	183	1 017
Particles >21µm		ASTM D7647	>80	<mark>/</mark> 95	30	1 95
Particles >38µm		ASTM D7647	>20	3	0	11
Particles >71µm		ASTM D7647		0	0	1
Oil Cleanliness		ISO 4406 (c)	>20/17/15	A 22/21/17	2 2/20/15	▲ 24/23/17
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.24	0.31	0.51

Contact/Location: BILL RICHARDSON - RICHOB

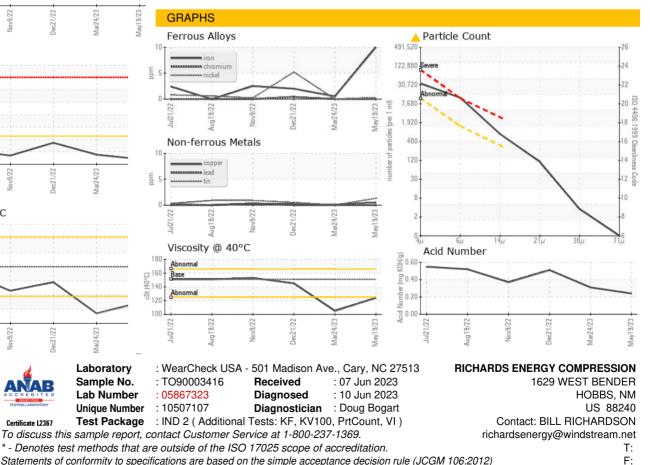


OIL ANALYSIS REPORT



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	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	LIGHT	🔺 MODER
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		mathad	limit/base	ourroat	biotom	biotom/0
	IES	method	iinii/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	151	124	105	145
Visc @ 100°C	cSt	ASTM D445	28	22.9	21.4	25.8
Viscosity Index (VI)	Scale	ASTM D2270	224	215	231	214
SAMPLE IMAGES	6	method	limit/base	current	history1	history2
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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate L2367

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