

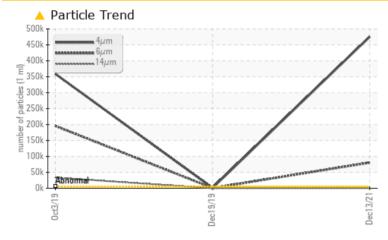
PROBLEM SUMMARY

Area NORTH YARD TK120 RETURN LINE Machine Id AMERICAN HEATER AHE-800-IP AMERICAN HEATER (S/N NORTH YARD) Component

Heat Transfer Fluid

TULCO LUBSOIL HEAT TRANSFER 250 (1150 GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor. Please note that this is a corrected copy.

PROBLEMATIC TEST RESULTS

Sample Status		ABI	NORMAL	NORMAL	ABNORMAL
Particles >4µm	ASTM D7647 >5	5000 💧 🔺 4	75517	961	▲ 358988
Particles >6µm	ASTM D7647 >	1300 🔺 8	80534	523	1 95556
Particles >14µm	ASTM D7647 >	160 🔺 4	02	89	<u> </u>
Particles >21µm	ASTM D7647 >4	40 🔺 6	64	30	🔺 11243
Oil Cleanliness	ISO 4406 (c) >1	19/17/14 🔺 2	26/24/16	17/16/14	▲ 26/25/22

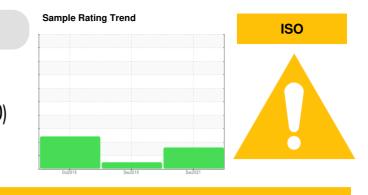
Customer Id: BLUMUSTO Sample No.: TO10000608 Lab Number: 05421251 Test Package: IND 2



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



RECOMMENDED ACTIONS				
Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component.
Alert			?	Please note that this is a corrected copy.

HISTORICAL DIAGNOSIS



19 Dec 2019 Diag: Jonathan Hester

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.



03 Oct 2019 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 particulates 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

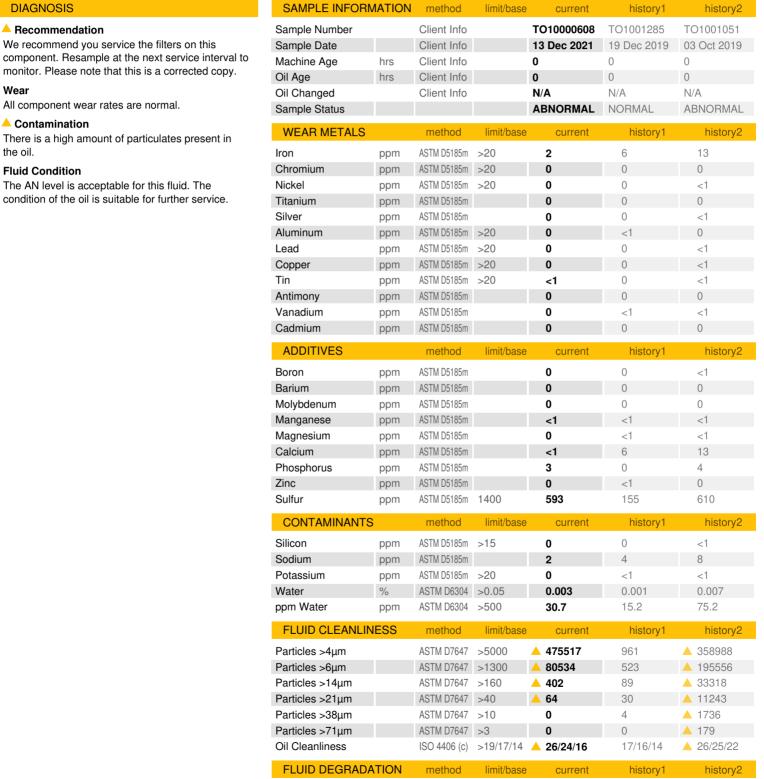
NORTH YARD TK120 RETURN LINE AMERICAN HEATER AHE-800-IP AMERICAN HEATER (S/N NORTH YARD) Component

Heat Transfer Fluid

Wear

the oil

TULCO LUBSOIL HEAT TRANSFER 250 (1150 GAL)



Sample Rating Trend

ISO

Report Id: BLUMUSTO [WUSCAR] 05421251 (Generated: 12/07/2023 09:53:57) Rev: 1

mg KOH/g ASTM D8045 0.05

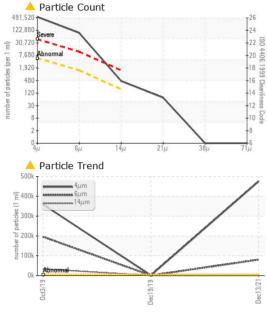
Acid Number (AN)

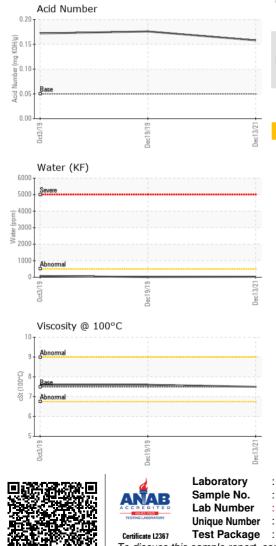
0.158 0.176 0.172 Contact/Location: COLE HOWELL - BLUMUSTO

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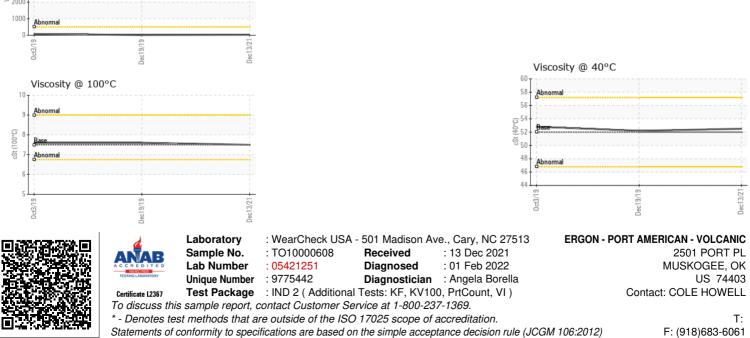
OIL ANALYSIS REPORT





VICUAL		ام م مالح م	line it /le e e e	a	late to mid	lata muQ
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	NONE	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	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT			Provide a second		1.1.1.1.1.1.1.1	
FLUID PROPERT	IES	method	limit/base	current	history1	history2
	cSt	ASTM D445	52	52.5	52.2	52.8
						,
Visc @ 40°C	cSt	ASTM D445	52	52.5	52.2	52.8
Visc @ 40°C Visc @ 100°C	cSt cSt Scale	ASTM D445 ASTM D445	52 7.5	52.5 7.5	52.2 7.6	52.8 7.6
Visc @ 40°C Visc @ 100°C Viscosity Index (VI)	cSt cSt Scale	ASTM D445 ASTM D445 ASTM D2270	52 7.5 106	52.5 7.5 104	52.2 7.6 108	52.8 7.6 106

GRAPHS



Contact/Location: COLE HOWELL - BLUMUSTO