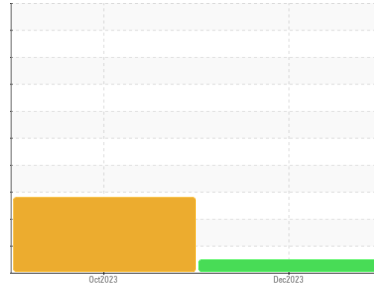




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area

[SUPPLY]

Machine Id

FORKLIFT 83282 EAST TEST ROOM - TRONAIR

Component

Diesel Exhaust Fluid (DEF)

Fluid

DEF (Diesel Exhaust Fluid) (--- GAL)

DIAGNOSIS

Recommendation

Fluid meets ISO 22241-2 requirements and is suitable for use.

Contamination

Appearance is acceptable. There is no indication of any contamination in the diesel exhaust fluid (def). The amount and size of particulates present in the system are acceptable.

Fluid Condition

Urea content is normal.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		PH06029834	PH05997073	---
Sample Date	Client Info		01 Dec 2023	13 Oct 2023	---
Machine Age	hrs	Client Info	0	0	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			NORMAL	ABNORMAL	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Hydrocarbon	scalar	*In-House	NONE	NONE	---

FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>1300	418	▲ 8656	---
Particles >6µm	ASTM D7647	>640	227	▲ 4716	---
Particles >14µm	ASTM D7647	>80	39	▲ 803	---
Particles >21µm	ASTM D7647	>20	13	▲ 270	---
Particles >38µm	ASTM D7647	>4	2	▲ 42	---
Particles >71µm	ASTM D7647	>3	0	▲ 4	---
Oil Cleanliness	ISO 4406 (c)	>17/16/13	16/15/12	▲ 20/19/17	---

FLUID PROPERTIES

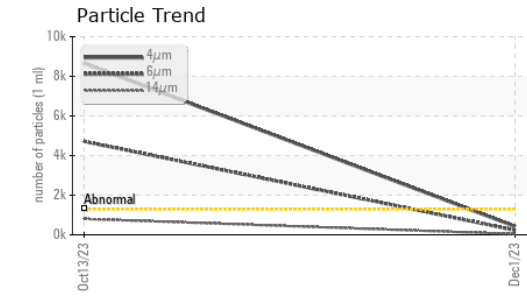
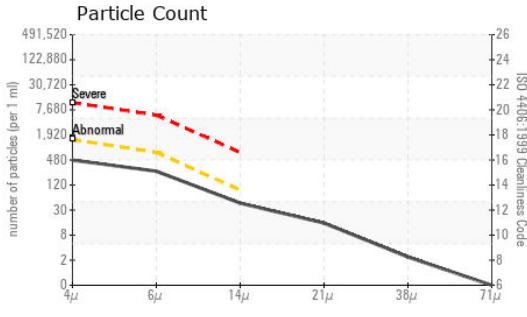
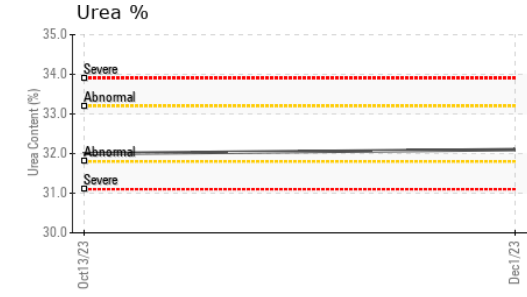
	method	limit/base	current	history1	history2
Urea Content	%	ISO 22241	<31.8	32.1	32.0
Density @ 20°C	g/cm3	ISO 22241	>1.0930	1.0884	1.0871
Refracting Index		ISO 22241	<1.3814	1.3818	1.3816
Appearance	scalar	*Visual		Clear & Bright	Clear & Bright

SAMPLE IMAGES

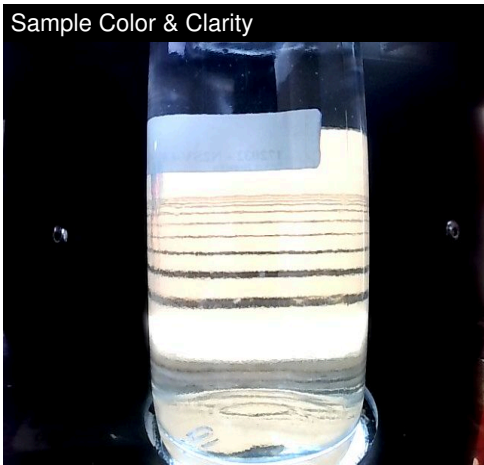
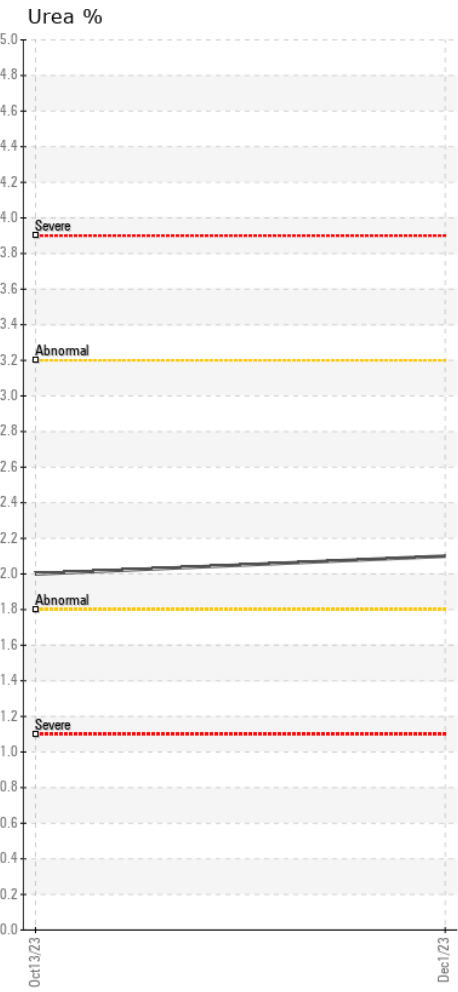
	method	limit/base	current	history1	history2
Color					no image
Bottom					no image
PrtFilter					no image



OIL ANALYSIS REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PH06029834 **Received** : 08 Dec 2023
Lab Number : **06029834** **Diagnosed** : 02 Jan 2024
Unique Number : 10779625 **Diagnostician** : Doug Bogart
Test Package : DEF 1 (Additional Tests: KF, PRTCOUNT)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - 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)

GREGORY POOLE
 116-A LIBERTY RD NE
 ROANOKE, VA
 US 24012

Contact: PHILIP DOOLITTLE
 philip.doolittle@gregpoole.com

T: (540)265-5757

F: