



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
1T0650KKPPF433848
Machine Id
JOHN DEERE 650K 1T0650KKPPF433848
Component
Diesel Exhaust Fluid (DEF)
Fluid
DEF (Diesel Exhaust Fluid) (--- GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WE0007738	---	---
Sample Date		Client Info		17 May 2024	---	---
Machine Age	hrs	Client Info		1385	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

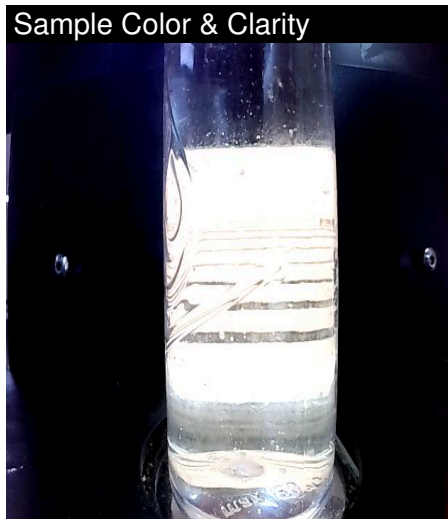
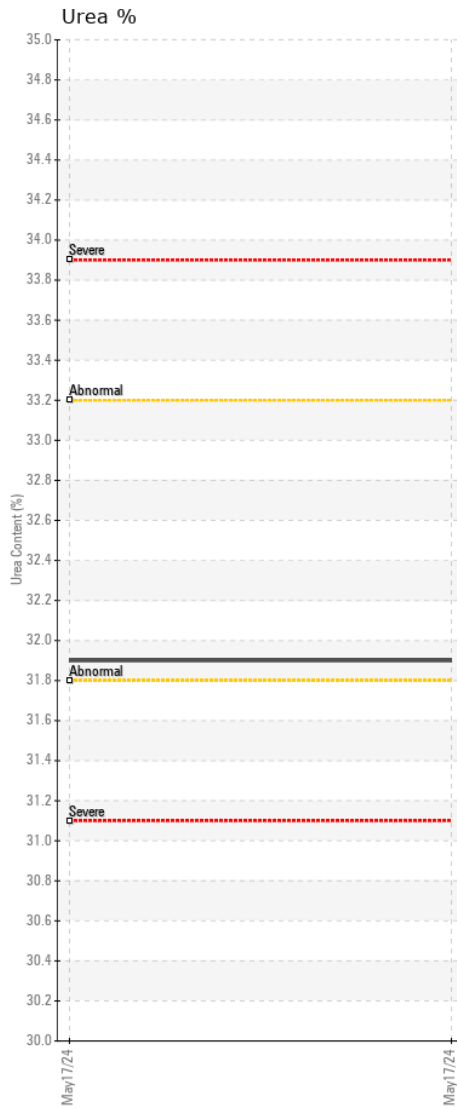
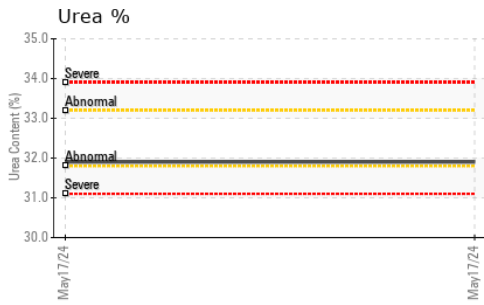
Appearance is unacceptable There is no indication of any contamination in the diesel exhaust fluid (def).

Hydrocarbon	scalar	*In-House		NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual		NEG	---	---

FLUID CONDITION

Urea content is normal.

Urea Content	%	ISO 22241	<31.8	31.9	---	---
Density @ 20°C	g/cm3	ISO 22241	>1.0930	1.0867	---	---
Refracting Index		ISO 22241	<1.3814	1.3815	---	---
Appearance	scalar	*Visual		Clear & Bright	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WE0007738

Lab Number : 06186618

Unique Number : 11043370

Test Package : DEF 1 (Additional Tests: ICP, KV40, SCREEN)

Received : 21 May 2024

Tested : 29 May 2024

Diagnosed : 29 May 2024 - Doug Bogart

WARRIOR TRACTOR AND EQUIPMENT - HUNTSVILLE

25135 ONE AVIATION WAY SW

MADISON, AL

US 35756

Contact: HERBERT STONE

WTE013@WARRIORTRACTOR.COM

T:

F:

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)