



**PERFORMANCE  
UNDER  
PRESSURE**

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

**UTILITIES**

Machine Id

**Utilities-FUEL STATION ELEC BLDG 5500**

Component

**Diesel Exhaust Fluid (DEF)**

Fluid

**DEF (Diesel Exhaust Fluid) (805 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		<b>RP0044215</b>	RP0044247	RP0042731
Sample Date		Client Info		<b>26 Jun 2024</b>	03 Jun 2024	26 Mar 2024
Machine Age	hrs	Client Info		<b>0</b>	0	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	SEVERE

**WEAR**

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

**CONTAMINATION**

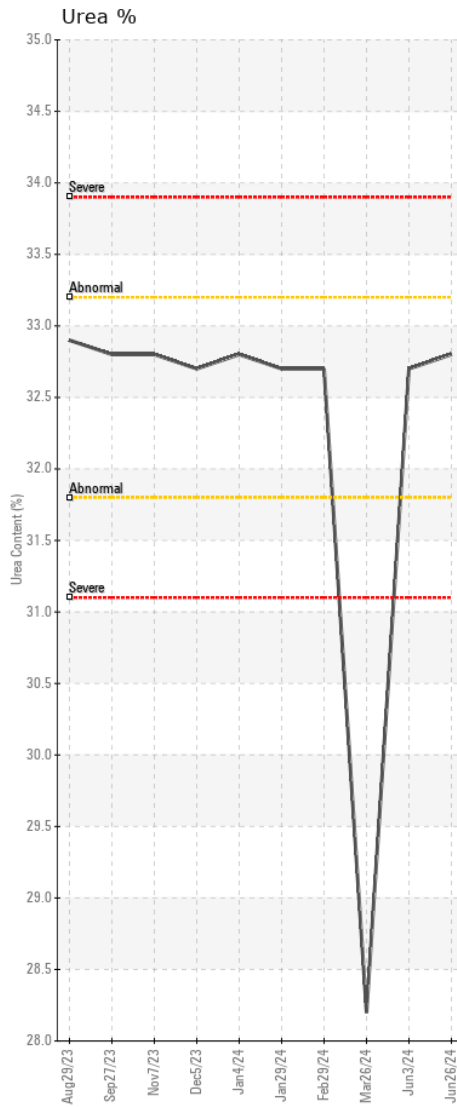
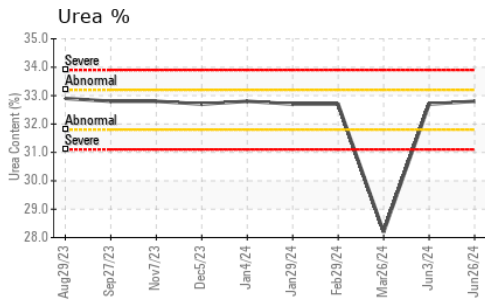
Appearance is acceptable. There is no indication of any contamination in the diesel exhaust fluid (def).

Hydrocarbon	scalar	*In-House		<b>NONE</b>	NONE	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	<b>32.8</b>	32.7	▲ 28.2
Density @ 20°C	g/cm3	ISO 22241	>1.0930	<b>1.0894</b>	1.0888	▲ 1.0758
Refracting Index		ISO 22241	<1.3814	<b>1.3828</b>	1.3827	▲ 1.3756
Appearance	scalar	*Visual		<b>Clear &amp; Bright</b>	Clear & Bright	Clear & Bright



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : RP0044215 **Received** : 27 Jun 2024  
**Lab Number** : 06222812 **Tested** : 05 Jul 2024  
**Unique Number** : 11101009 **Diagnosed** : 05 Jul 2024 - Doug Bogart  
**Test Package** : DEF 1 ( Additional Tests: ICP, KF, KV40, SCREEN, TAN Man )

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)

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