



**PERFORMANCE
UNDER
PRESSURE**

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

UTILITIES

Machine Id

FUEL STATION 1-DEF TOTE-LOGISTIC

Component

Diesel Exhaust Fluid (DEF)

Fluid

DEF (Diesel Exhaust Fluid) (275 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		RP0042518	RP0034888	RP0035116
Sample Date		Client Info		08 May 2024	24 Jul 2023	28 Jun 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

CONTAMINATION

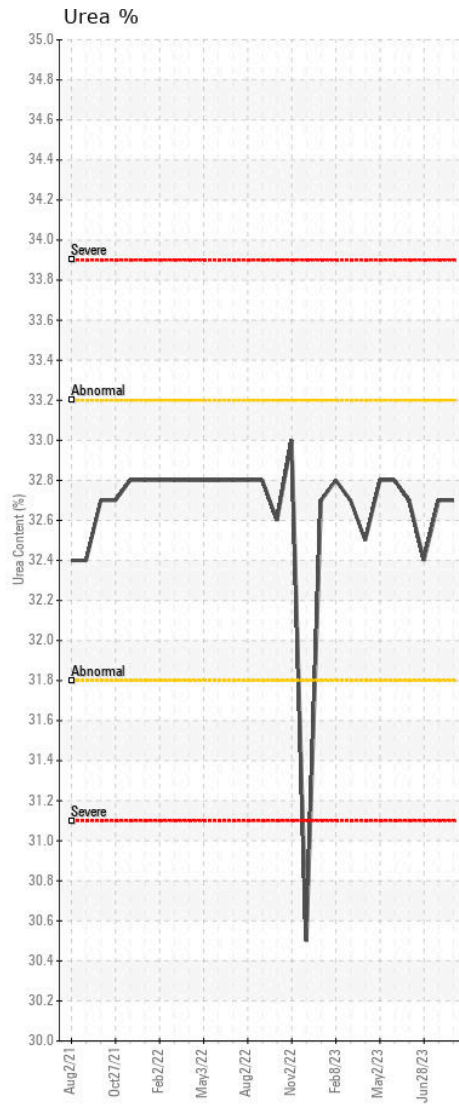
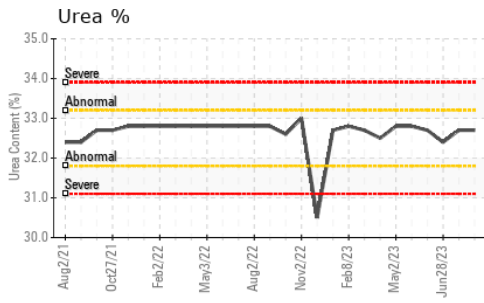
Appearance is acceptable. There is no indication of any contamination in the diesel exhaust fluid (def).

Hydrocarbon	scalar	*In-House		NONE	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	32.7	32.7	32.4
Density @ 20°C	g/cm3	ISO 22241	>1.0930	1.0895	1.0880	1.0886
Refracting Index		ISO 22241	<1.3814	1.3827	1.3828	1.3822
Appearance	scalar	*Visual		Clear & Bright	Clear & Bright	Clear & Bright



Sample Color & Clarity



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0042518 **Received** : 09 May 2024
Lab Number : 06175052 **Tested** : 17 May 2024
Unique Number : 11021105 **Diagnosed** : 17 May 2024 - Angela Borella
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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