



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[511266]
 Machine Id
VOLVO EC30ELR 318171
 Component
Diesel Exhaust Fluid (DEF)
 Fluid
{not provided} (--- 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		VCP437892	---	---
Sample Date		Client Info		18 Mar 2024	---	---
Machine Age	hrs	Client Info		5	---	---
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

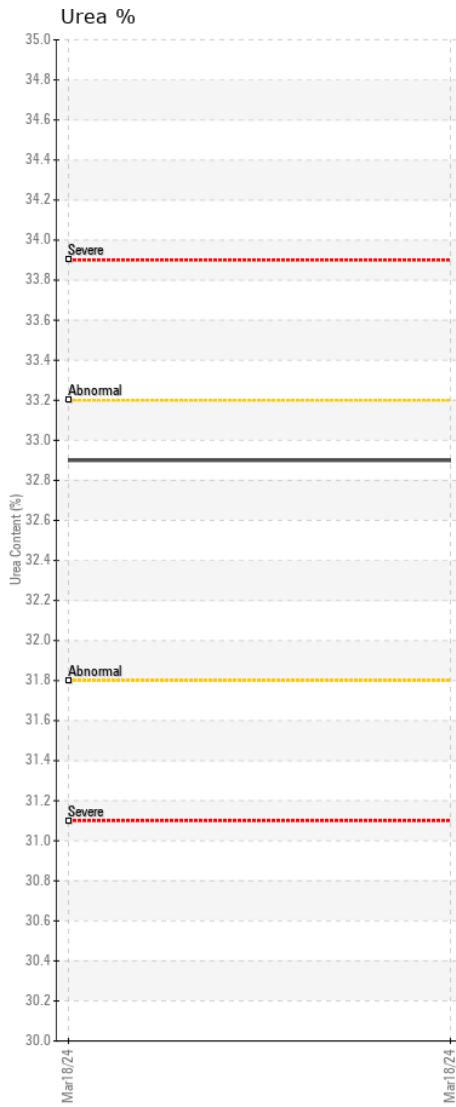
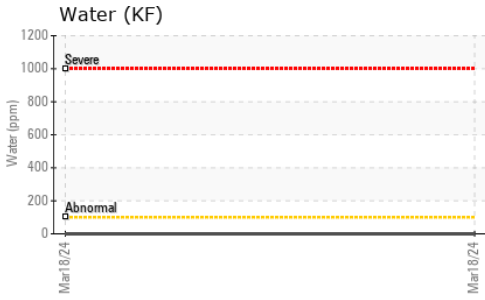
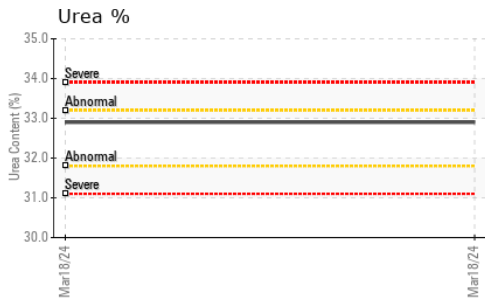
Appearance is acceptable. There is no indication of any contamination in the diesel exhaust fluid (def).

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		0.2%	---	---

FLUID CONDITION

Urea content is normal.

Urea Content	%	ISO 22241	<31.8	32.9	---	---
Density @ 20°C	g/cm3	ISO 22241	>1.0930	1.0900	---	---
Refracting Index		ISO 22241	<1.3814	1.3831	---	---
Appearance	scalar	*Visual		Clear & Bright	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP437892
Lab Number : 06124131
Unique Number : 10938282
Test Package : DEF 1 (Additional Tests: ICP, KF, KV40, SCREEN)

Received : 20 Mar 2024
Tested : 29 Mar 2024
Diagnosed : 29 Mar 2024 - Doug Bogart

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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)