WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

Machine Id

ANA SDG45S-8E2 133E110330

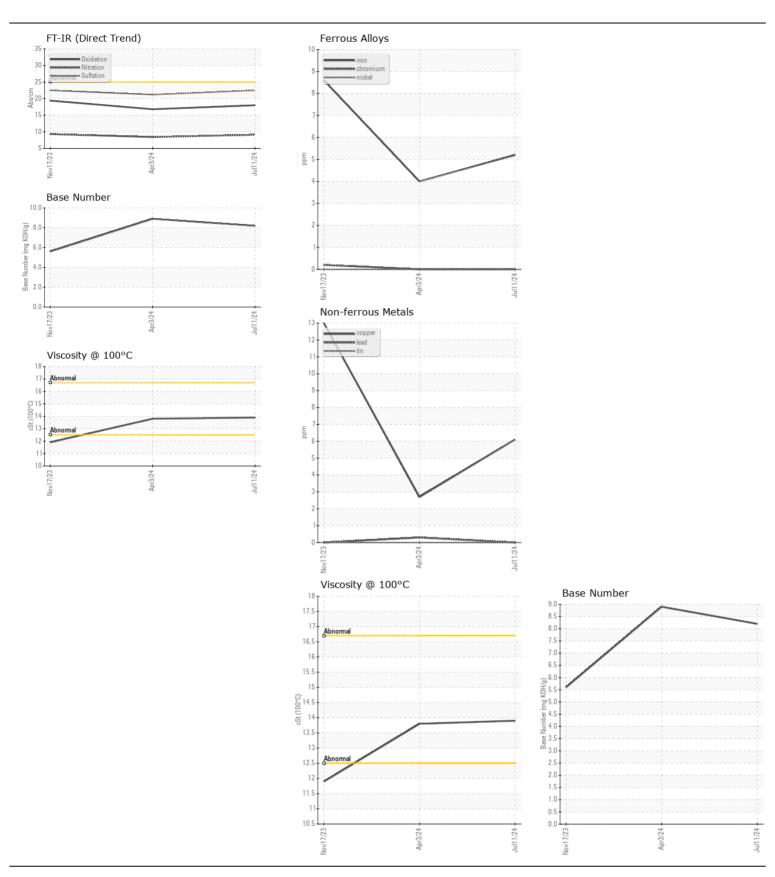
Diesel Engine

{not provided} (12 QTS)

DECOMMENDATION	T4		Mathaal	Line HAR		115-44	L links in .O
RECOMMENDATION Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		JR0221822	JR0211277	JR0195199
	Sample Date	la con	Client Info		11 Jul 2024	03 Apr 2024	17 Nov 2023
	Machine Age	hrs	Client Info		2132	1350	871
	Oil Age	hrs	Client Info		0	479	0
	Filter Age	hrs	Client Info		0	479	0
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	ATTENTION
WEAR All component wear rates are normal.	Iron	ppm	ASTM D5185m	>100	5	4	9
	Chromium	ppm	ASTM D5185m	>20	0	0	<1
	Nickel	ppm	ASTM D5185m	>4	0	0	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m	>3	<1	0	0
	Aluminum	ppm	ASTM D5185m	>20	4	3	1
	Lead	ppm	ASTM D5185m	>40	0	<1	0
	Copper	ppm	ASTM D5185m	>330	6	3	13
	Tin	ppm	ASTM D5185m	>15	0	0	0
	Vanadium	ppm	ASTM D5185m		0	<1	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	7	12	28
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	2	6	9
	Fuel		WC Method	>5	<1.0	<1.0	0.0
	Water		WC Method	>0.2	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.1	0.1	0.1
	Nitration	Abs/cm	*ASTM D7624	>20	9.1	8.4	9.3
	Sulfation	Abs/.1mm	*ASTM D7415	>30	22.5	21.2	22.5
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML

FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.







Certificate L2367

Laboratory

Sample No.

Lab Number : 06237571 Unique Number : 11126405

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : JR0221822

Received **Tested**

: 16 Jul 2024 Diagnosed

: 17 Jul 2024 : 17 Jul 2024 - Wes Davis

JRE - STEPHENSON 245 YARDMASTER COURT STEPHENSON, VA US 22656-1761 Contact: PHIL DAUGHERTY

Test Package : CONST (Additional Tests: TBN) To discuss this sample report, contact Customer Service at 1-800-237-1369.

pdaugherty@jamesriverequipment.com T: x:

* - 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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