



WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 134
 Component
Hydraulic System
 Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- QTS)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

FLUID CONDITION

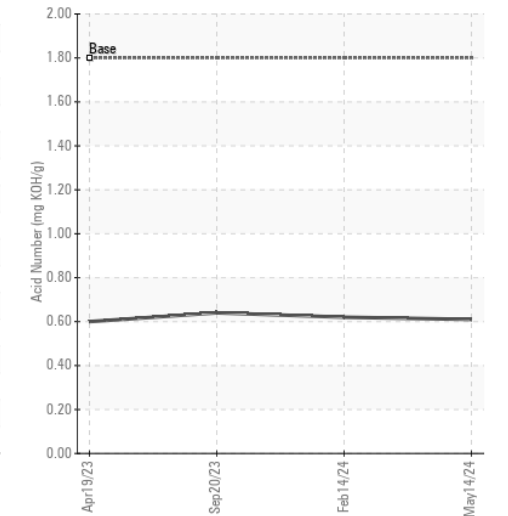
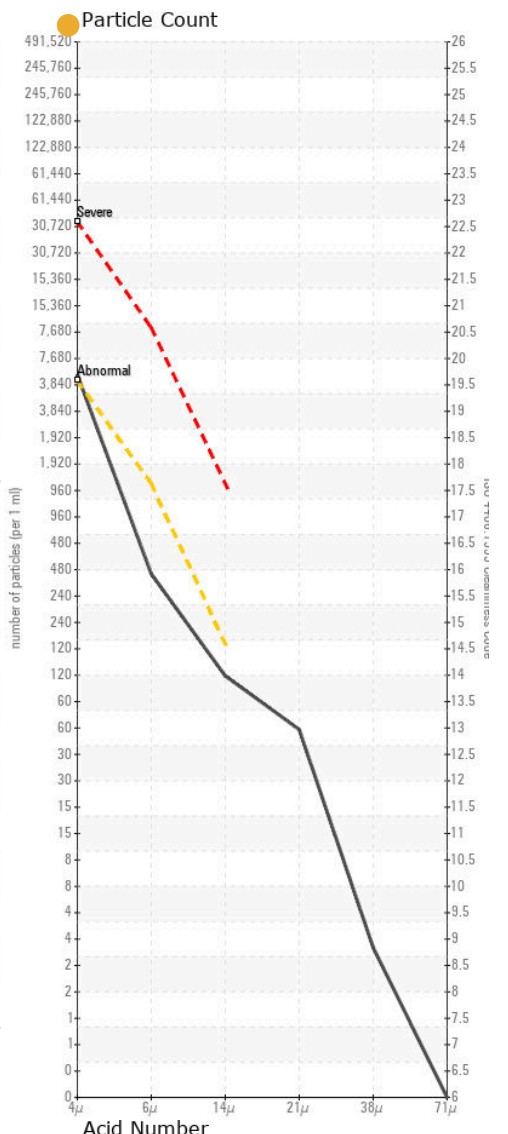
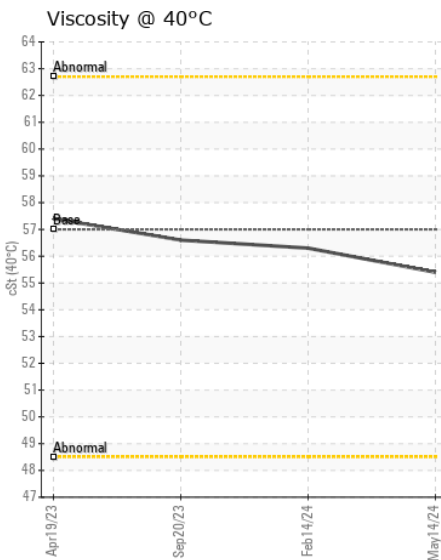
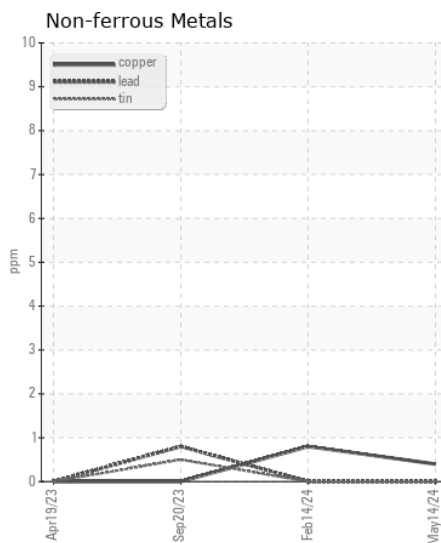
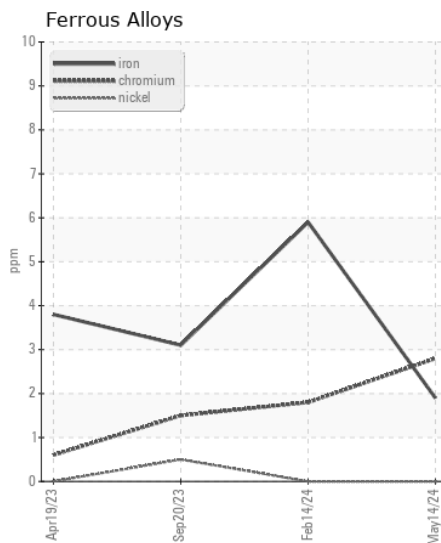
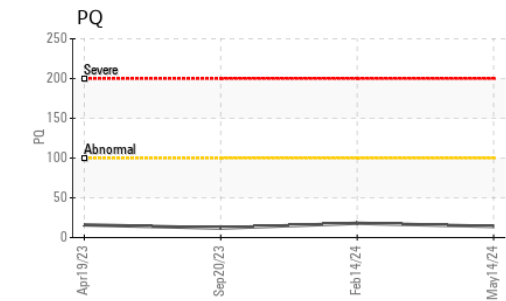
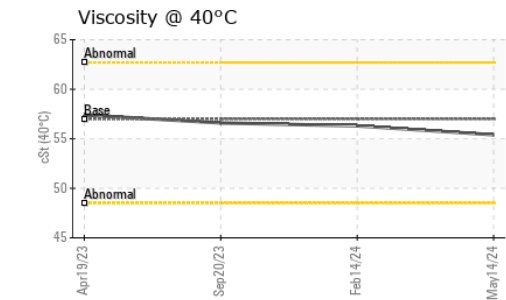
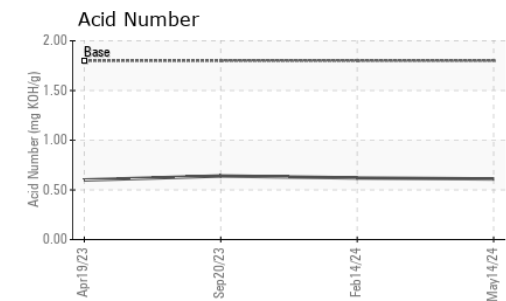
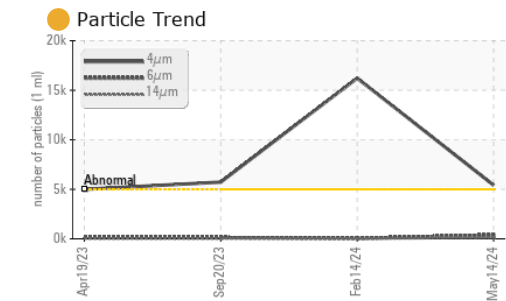
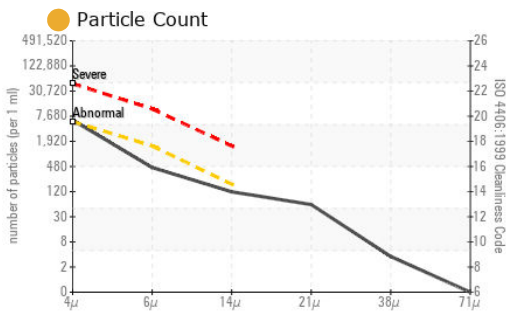
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0189813	JR0189768	JR0135320
Sample Date		Client Info		14 May 2024	14 Feb 2024	20 Sep 2023
Machine Age	hrs	Client Info		2505	2000	1492
Oil Age	hrs	Client Info		2505	2000	1492
Filter Age	hrs	Client Info		2505	2000	1492
Oil Changed		Client Info		Not Chngd	Not Chngd	Not Chngd
Filter Changed		Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status				ATTENTION	ABNORMAL	ATTENTION

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		14	18	12
Iron	ppm	ASTM D5185m	>20	2	6	3
Chromium	ppm	ASTM D5185m	>10	3	2	2
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	<1	2	1
Lead	ppm	ASTM D5185m	>10	0	0	<1
Copper	ppm	ASTM D5185m	>75	<1	<1	0
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	LIGHT	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>20	0	2	2
Potassium	ppm	ASTM D5185m	>20	2	4	3
Water		WC Method	>0.1	NEG	NEG	NEG
Particles >4µm		ASTM D7647	>5000	5414	16215	5727
Particles >6µm		ASTM D7647	>1300	399	36	124
Particles >14µm		ASTM D7647	>160	105	4	18
Particles >21µm		ASTM D7647	>40	52	1	6
Particles >38µm		ASTM D7647	>10	3	0	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	20/16/14	21/12/9	20/14/11
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
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

Sodium	ppm	ASTM D5185m		4	0	3
Boron	ppm	ASTM D5185m	6	0	5	5
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m	145	4	7	9
Calcium	ppm	ASTM D5185m	3570	345	279	295
Phosphorus	ppm	ASTM D5185m	1290	709	647	714
Zinc	ppm	ASTM D5185m	1640	898	931	966
Sulfur	ppm	ASTM D5185m		2374	2090	2125
Acid Number (AN)	mg KOH/g	ASTM D8045	1.8	0.61	0.62	0.64
Visc @ 40°C	cSt	ASTM D445	57.0	55.4	56.3	56.6



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0189813 **Received** : 03 Jun 2024
Lab Number : 06197531 **Tested** : 04 Jun 2024
Unique Number : 11059654 **Diagnosed** : 04 Jun 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

THE SCOTTS COMPANY
 3175 BRIGHT LEAF RD
 LAWRENCEVILLE, VA
 US 23868
 Contact: REX WATSON

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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