



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 724K 1DW724KHJJF690939
Component
Front Differential
Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0221264	JR0195244	JR0195230
Sample Date		Client Info		02 Jul 2024	21 Jun 2024	15 Nov 2023
Machine Age	hrs	Client Info		5335	5322	5118
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		25	23	12
Iron	ppm	ASTM D5185m	>500	65	92	55
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	0	0
Aluminum	ppm	ASTM D5185m	>25	2	3	1
Lead	ppm	ASTM D5185m	>25	76	69	66
Copper	ppm	ASTM D5185m	>100	23	20	19
Tin	ppm	ASTM D5185m	>10	1	0	1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

There is no indication of any contamination in the fluid.

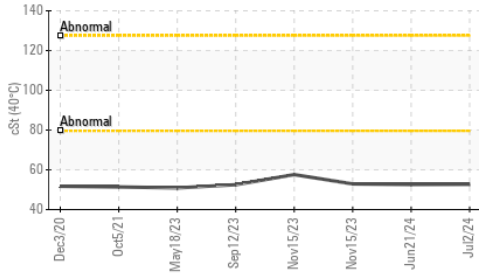
Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>75	7	11	5
Potassium	ppm	ASTM D5185m	>20	4	2	<1
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	NEG

FLUID CONDITION

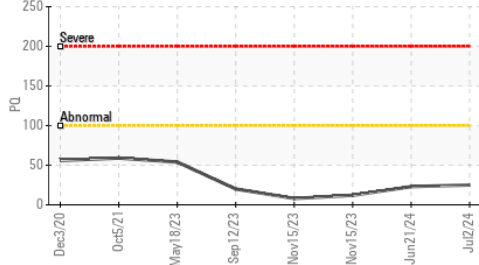
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m		2	4	4
Boron	ppm	ASTM D5185m		18	12	12
Barium	ppm	ASTM D5185m		0	2	0
Molybdenum	ppm	ASTM D5185m		30	28	24
Manganese	ppm	ASTM D5185m		1	1	1
Magnesium	ppm	ASTM D5185m		123	120	125
Calcium	ppm	ASTM D5185m		3028	2958	2887
Phosphorus	ppm	ASTM D5185m		927	968	971
Zinc	ppm	ASTM D5185m		1133	1084	1123
Sulfur	ppm	ASTM D5185m		4085	4397	3241
Visc @ 40°C	cSt	ASTM D445		52.7	52.6	52.9

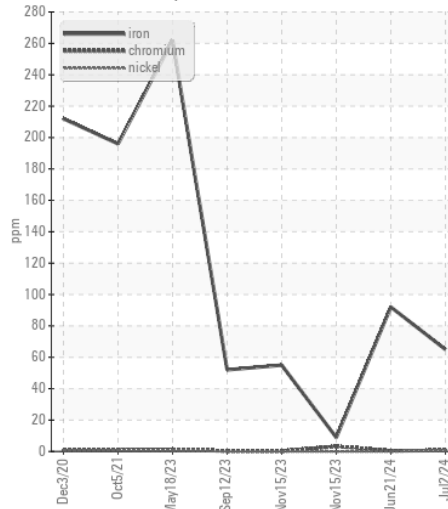
Viscosity @ 40°C



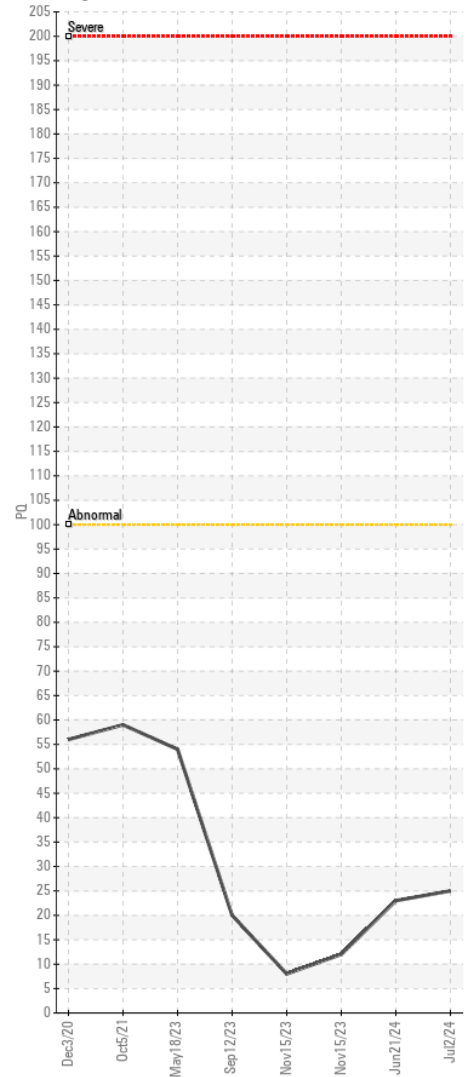
PQ



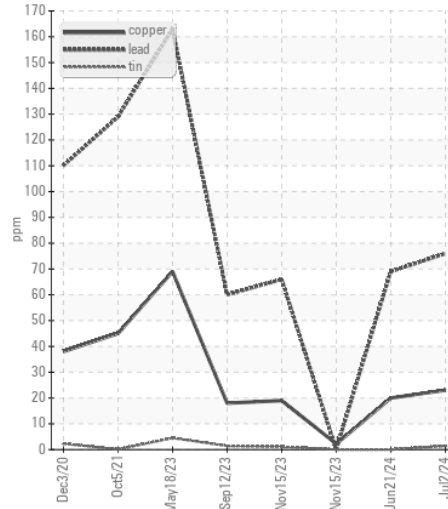
Ferrous Alloys



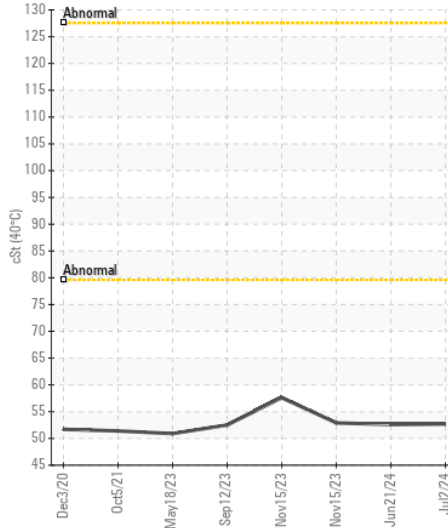
PQ



Non-ferrous Metals



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : JR0221264
 Lab Number : 06230423
 Unique Number : 11113916
 Test Package : CONST (Additional Tests: PQ)
 Received : 08 Jul 2024
 Tested : 09 Jul 2024
 Diagnosed : 10 Jul 2024 - Don Baldrige

W&L CONSTRUCTION AND PAVING
 DRAWER 927
 CHILHOWIE, VA
 US 24319
 Contact: TRAVIS LEWIS

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)

T: (276)646-3804

F: