James River Equipment

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 410P 5477 (S/N 1DW410PALPFB06972)
Component
Front Differential
Fluid
JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

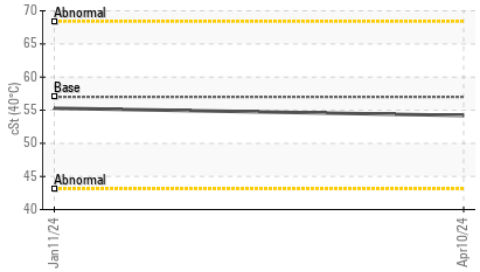
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0206786	JR0192962	---
Sample Date		Client Info		10 Apr 2024	11 Jan 2024	---
Machine Age	hrs	Client Info		1051	558	---
Oil Age	hrs	Client Info		1051	558	---
Filter Age	hrs	Client Info		0	558	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				NORMAL	NORMAL	---
PQ		ASTM D8184		16	24	---
Iron	ppm	ASTM D5185m	>500	26	25	---
Chromium	ppm	ASTM D5185m	>10	0	<1	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	<1	<1	---
Lead	ppm	ASTM D5185m	>25	0	0	---
Copper	ppm	ASTM D5185m	>100	5	4	---
Tin	ppm	ASTM D5185m	>10	<1	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Silicon	ppm	ASTM D5185m	>75	4	4	---
Potassium	ppm	ASTM D5185m	>20	0	0	---
Water		WC Method	>.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	---
Sodium	ppm	ASTM D5185m		5	4	---
Boron	ppm	ASTM D5185m	6	7	<1	---
Barium	ppm	ASTM D5185m	0	3	3	---
Molybdenum	ppm	ASTM D5185m	0	4	0	---
Manganese	ppm	ASTM D5185m		3	3	---
Magnesium	ppm	ASTM D5185m	145	118	101	---
Calcium	ppm	ASTM D5185m	3570	3490	3330	---
Phosphorus	ppm	ASTM D5185m	1290	1096	1013	---
Zinc	ppm	ASTM D5185m	1640	1258	1185	---
Sulfur	ppm	ASTM D5185m		4315	3272	---
Visc @ 40°C	cSt	ASTM D445	57.0	54.2	55.3	---

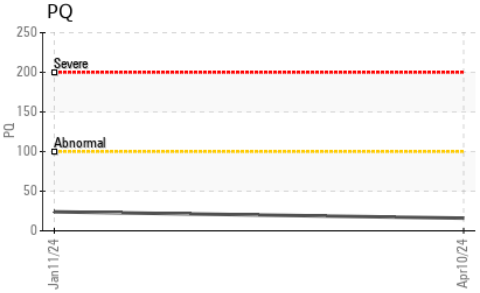
Report Id: CKCKIN [WUSCAR] 06147635 (Generated: 04/15/2024 13:47:45) Rev: 1

Submitted By: Ray Benson

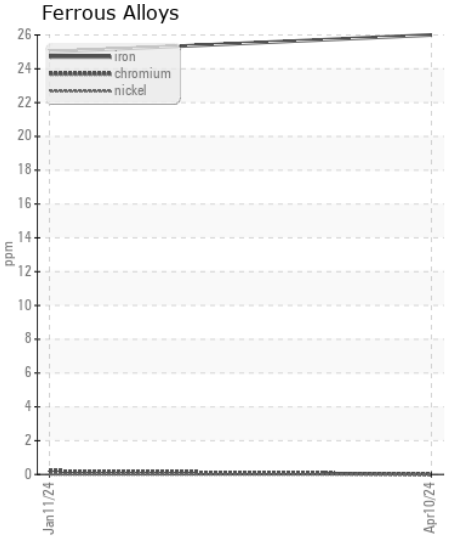
Viscosity @ 40°C



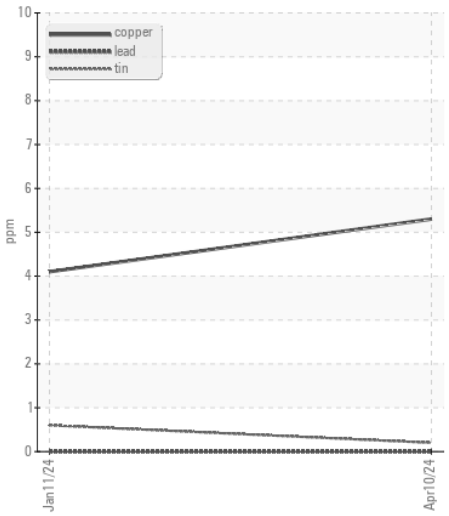
PQ



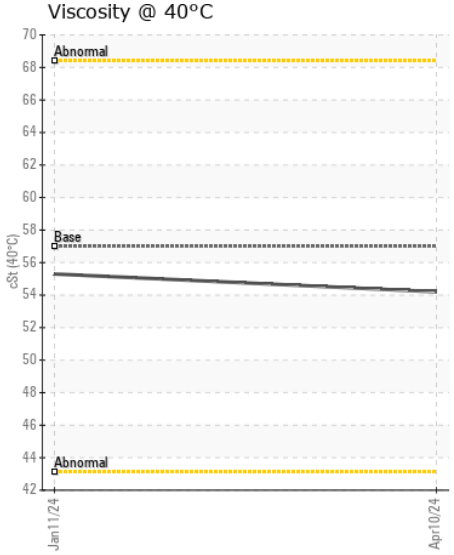
Ferrous Alloys



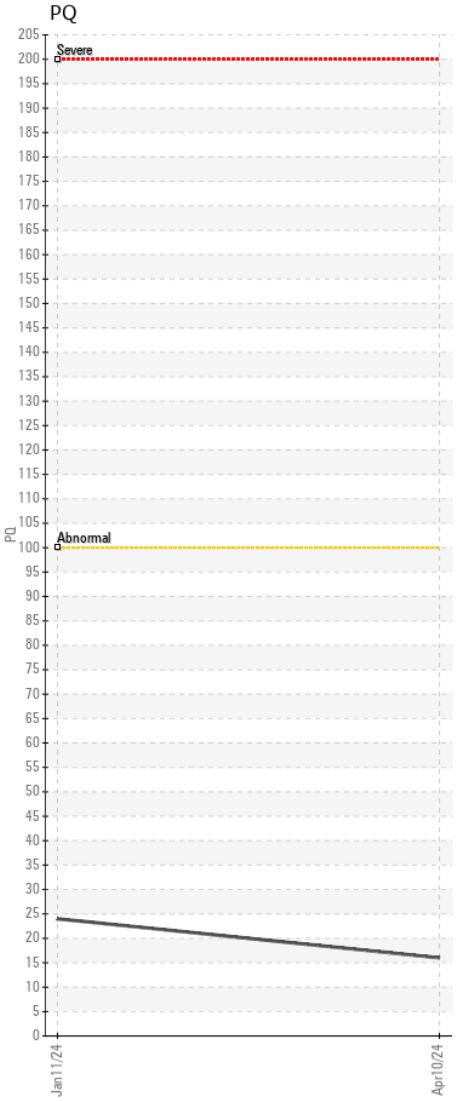
Non-ferrous Metals



Viscosity @ 40°C



PQ



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0206786 **Received** : 12 Apr 2024
Lab Number : 06147635 **Tested** : 15 Apr 2024
Unique Number : 10977713 **Diagnosed** : 15 Apr 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

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)

CK CONTRACTING
124-1 WOODING PL
KINGS MOUNTAIN, NC
US 28086
Contact: TAM WRIGHT
twright@ckcdllc.com
T: (704)730-9948
F: (704)730-9975