

Current

JR0203459

09 Feb 2024

Changed

Changed

NORMAL

14

0

0

0

0

0

0

0

0

0

0

0

0

NEG

737

180

22

6

0

0

17/15/12

NONE

NONE

NONE

NORML

NORML

NEG

0

0

0

0

<1

2

100

661

838

1552

0.73

65.0

ASTM D5185m 900

ASTM D5185m 1500

1.0

ppm

ppm

Visc @ 40°C cSt ASTM D445 65

Acid Number (AN) mg KOH/g ASTM D8045

NONE

NONE

3708

0

0

History1

3711

3663

Changed

NORMAL

15

2

<1

0

0

0

2

0

1

0

0

NONE

NONE

<1

2

NEG

853

50

9

0

0

21/17/13

NONE

NONE

NONE

NORML

NFG

0

<1

0

3

0

13

119

677

844

1751

0.77

62.0

NORML

13158

0

History2

3710

3663

Changed

NORMAL

18

3

<1

0

0

0

2

1

0

0

2

3

NEG

156

12

6

2

22/14/11

NONE

NONE

NONE

NORML

NORML

NEG

7

1

0

6

<1

26

138

675

873

1652

0.514

61.02

1

37733

NONE

NONE

<1

0

JR0198056 JR0198051

25 Jan 2024 25 Jan 2024

Not Changd Not Changd

JOHN DEERE 410E-II 1DW410ELJMF710562

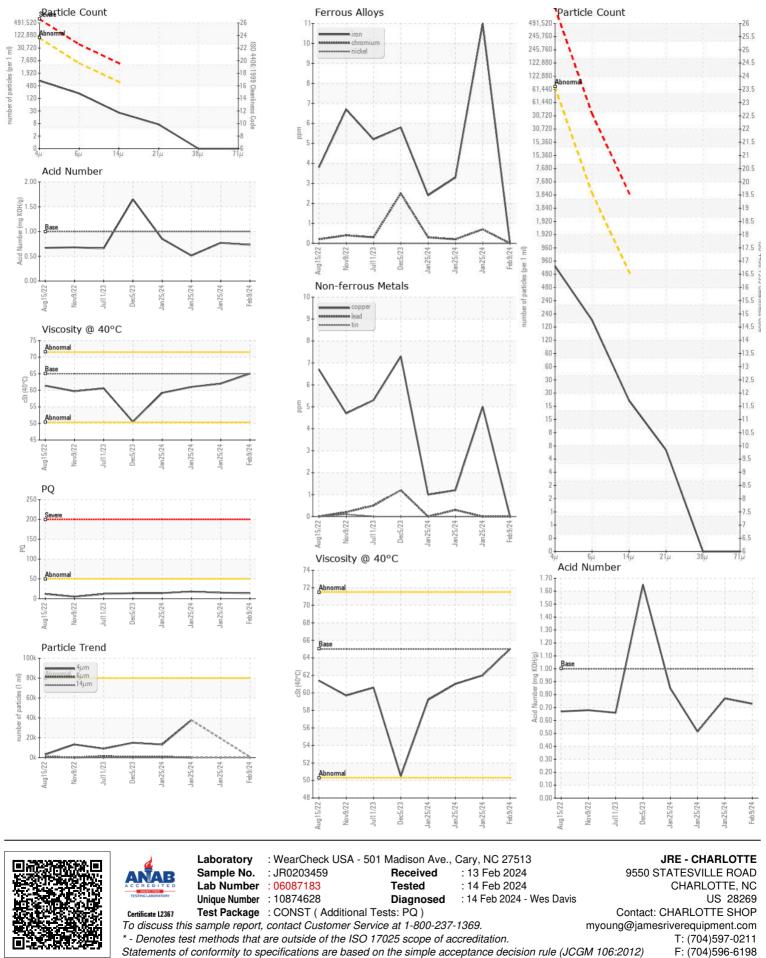
Component Hydraulic System

JOHN DEERE HYDRAU (46 GAL)

RECOMMENDATION	Test	UOM	Method	Limit/Abn
Resample at the next service interval to monitor.	Sample Number		Client Info	
	Sample Date		Client Info	
	Machine Age	hrs	Client Info	
	Oil Age	hrs	Client Info	
	Filter Age	hrs	Client Info	
	Oil Changed		Client Info	
	Filter Changed		Client Info	
	Sample Status			
WEAR	PQ		ASTM D8184	
	Iron	ppm	ASTM D5185m	>71
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>11
	Nickel	ppm	ASTM D5185m	>6
	Titanium	ppm	ASTM D5185m	
	Silver	ppm	ASTM D5185m	
	Aluminum	ppm	ASTM D5185m	
	Lead	ppm	ASTM D5185m	>13
	Copper	ppm	ASTM D5185m	>21
	Tin	ppm	ASTM D5185m	>5
	Vanadium	ppm	ASTM D5185m	
	White Metal	scalar	*Visual	NONE
	Yellow Metal	scalar	*Visual	NONE
CONTAMINATION	Silicon	nom	ASTM D5185m	>24
CONTAMINATION	Potassium	ppm ppm	ASTM D5185m	
The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.	Water	ppiii	WC Method	>0.075
	Particles >4µm		ASTM D7647	
	Particles >6µm		ASTM D7647	>5000
	Particles >14µm		ASTM D7647	
	Particles >21µm		ASTM D7647	
	Particles >38µm		ASTM D7647	
	Particles >71µm		ASTM D7647	>10
	Oil Cleanliness		ISO 4406 (c)	>23/19/16
	Silt	scalar	*Visual	NONE
	Debris	scalar	*Visual	NONE
	Sand/Dirt	scalar	*Visual	NONE
	Appearance	scalar	*Visual	NORML
	Odor	scalar	*Visual	NORML
	Emulsified Water	scalar	*Visual	>0.075
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>21
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.	Boron	ppm	ASTM D5185m	
	Barium	ppm	ASTM D5185m	
	Molybdenum	ppm	ASTM D5185m	
	Manganese	ppm	ASTM D5185m	
	Magnesium	ppm	ASTM D5185m	
	Calcium	ppm	ASTM D5185m	
	Phosphorus	ppm	ASTM D5185m	727

Zinc

Sulfur



Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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