



FLUID ANALYSIS

UIN 08E5473

Differential

Unit No. 1DW772GPVKF695391

Unit:
Make John Deere
Model 772GP
Serial No. 1DW772GPVKF695391

Site

Compartment:

Name Differential
Make
Model
Serial No.
Capacity: Ltrs

Customer:

DIAGNOSIS

Oil type and/or fluid grade not given. No abnormal wear detected. No recommended action at this time. Resample at normal intervals. Time on oil not provided with sample.

ANALYST: Pat.Libutti

LEGEND				
Normal	Severe	Abnormal	Caution	Normal

DATE SAMPLED	04-Oct-21
DATE RECEIVED	06-Oct-21
DATE REPORTED	07-Oct-21

LAB NO.		40210527727
SIF NO.		39304789
TIME ON UNIT	Hrs	2412
TIME ON OIL	Hrs	
OIL BRAND		Unidentified
OIL TYPE		Unidentified
OIL GRADE		Unknown
OIL ADDED		
FILTER		Not Applicable
OIL CHANGED		Not Changed
WO NUMBER		1629085

Metals (ppm)

Iron (Fe)	42
Chromium (Cr)	<1
Lead (Pb)	<1
Copper (Cu)	4
Tin (Sn)	<1
Aluminium (Al)	3
Nickel (Ni)	<1
Silver (Ag)	<1
Titanium (Ti)	<1
Vanadium (V)	<1

Contaminants (ppm)

Silicon (Si)	3
Sodium (Na)	4
Potassium (K)	<1
Water (%)	<0.05
Solids (%)	0.1

Additives (ppm)

Magnesium (Mg)	127
Calcium (Ca)	4178
Barium (Ba)	<1
Phosphorus (P)	1238
Zinc (Zn)	1509
Molybdenum (Mo)	<1
Boron (B)	<5

Physical Tests

Viscosity (cSt 40C)	59.0
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Physical / Chemical

Acid Number (mgKOH/g)	2.05
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Additional

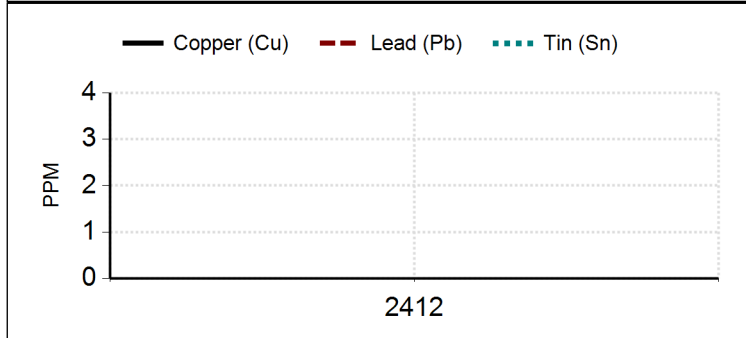
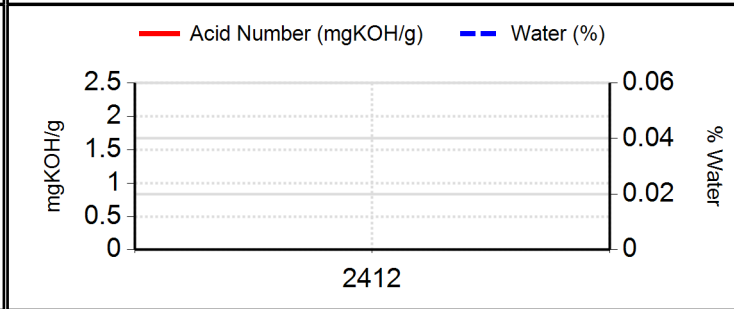
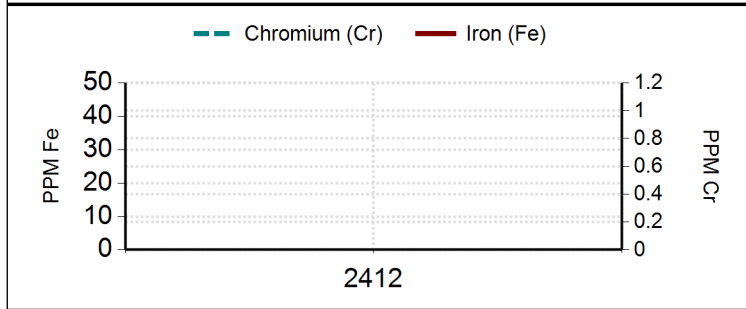
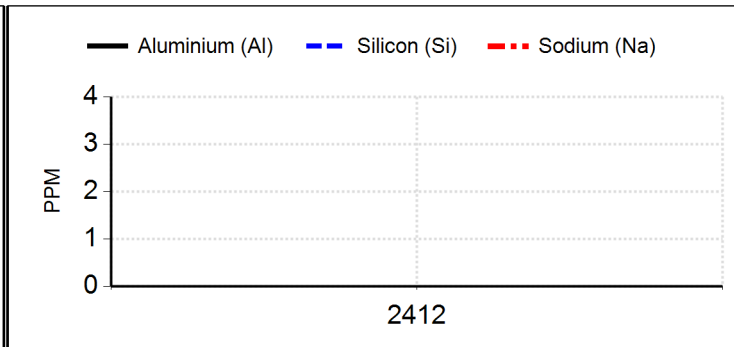
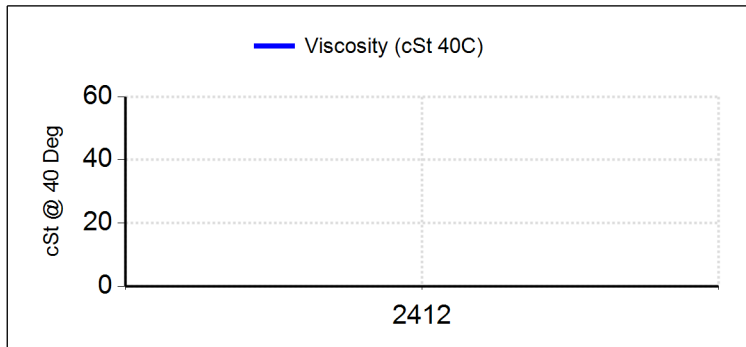
PQ Index	15
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Filter Image

Filter patch test is not performed Contact laboratory for more information

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Norcross, GA 30093
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Valley View, Ohio - 410
6180 Halle Dr. Suite D
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800.726.5400

Kansas City, Kansas - 430
935 Sunshine Road
Kansas City, KS 66115
800.332.8055

Phoenix, Arizona - 440
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Phoenix, AZ 85017
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TEST METHODS:

Acid Number: ASTM D974/D664 (*M)
Base Number: ASTM D4739 (*M)
Base Number (Perchloric): ASTM D2896 (*M)
Fuel Dilution by GC: ASTM D7593
Fuel Dilution Visc/Setaflash In House
Fuel Soot ATR/IR: ASTM D7686 (*M)
Soot by FTIR: ASTM D7844
Glycol: In House
Metals by ICP AES: ASTM D5185 (*M)
Ox, NOx, SOx, FTIR: ASTM E2412/D7418/D7414 D7415
PQ Index: ASTM D8120 (*M)
Particle Count: ASTM D7647 (*M) / ISO 4406
Viscosity: ASTM D445 (*M) / D7279 (*M)
Water KF: D6304 / E203 (*M)
Water Crackle: In House

*M - Modified Method

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