



FLUID ANALYSIS

UIN 08E4FB8

Diesel Engine

Unit No. 1DW772GPVKF695391

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

Site

Compartment:






Name Diesel Engine
Make
Model
Serial No.
Capacity: Ltrs

Customer:

DIAGNOSIS

No abnormal wear detected. Due to lack of information (oil grade) not all tests can be determined. Time on oil not provided with sample. No recommended action at this time. Resample at normal intervals.

ANALYST: Ed.Matthews

LEGEND				
				
Normal	Severe	Abnormal	Caution	Normal

DATE SAMPLED	04-Oct-21
DATE RECEIVED	06-Oct-21
DATE REPORTED	08-Oct-21

LAB NO.		40210527783
SIF NO.		39304790
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)	45
Chromium (Cr)	<1
Lead (Pb)	<1
Copper (Cu)	1
Tin (Sn)	1
Aluminium (Al)	4
Nickel (Ni)	7
Silver (Ag)	<1
Titanium (Ti)	<1
Vanadium (V)	<1

Contaminants (ppm)

Silicon (Si)	10
Sodium (Na)	5
Potassium (K)	1
Water (%)	<0.05
Coolant	No
Fuel (%)	--
Soot (%) Infrared	<0.1

Additives (ppm)

Magnesium (Mg)	843
Calcium (Ca)	1422
Barium (Ba)	<1
Phosphorus (P)	901
Zinc (Zn)	1100
Molybdenum (Mo)	280
Boron (B)	280

Physical Tests

Viscosity (cSt 100C)	14.5
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Physical / Chemical

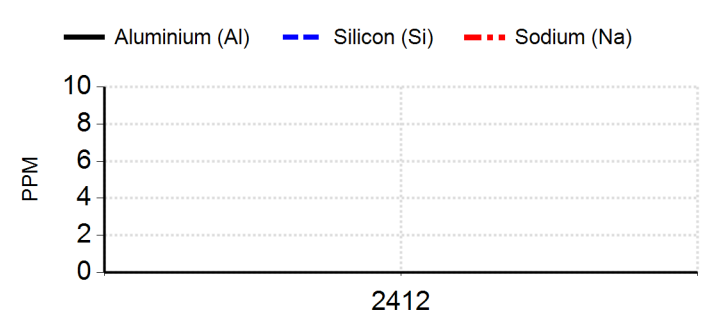
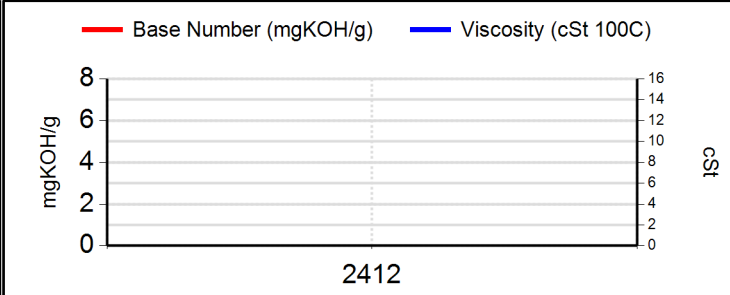
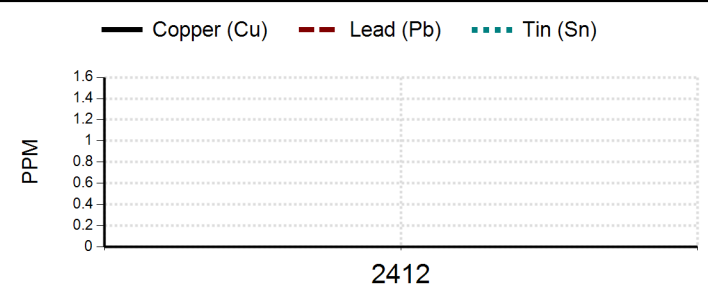
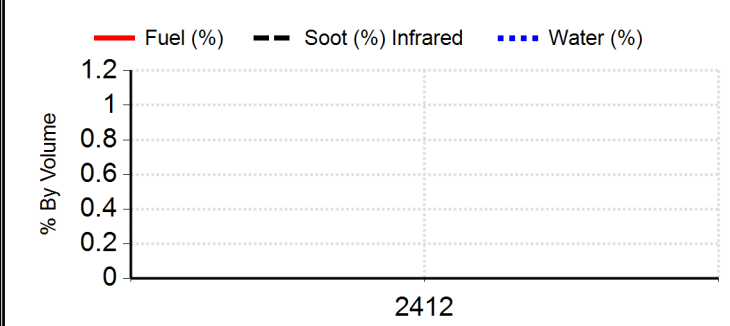
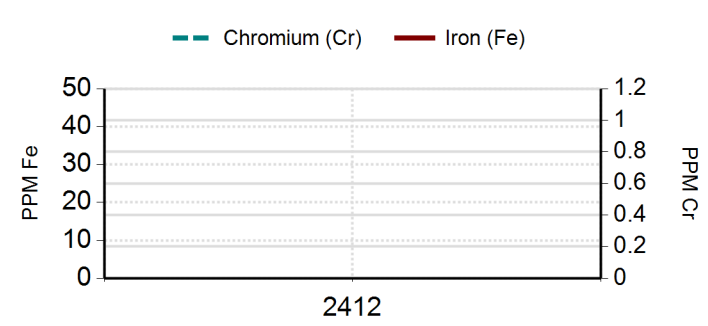
Base Number (mgKOH/g)	7.9
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Filter Image

Filter patch test is not performed Contact laboratory for more information

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5300 OakBrook Parkway
Building 200 Suite 245
Norcross, GA 30093
800.394.3669

Valley View, Ohio - 410
6180 Halle Dr. Suite D
Valley View, OH 44125
800.726.5400

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

Phoenix, Arizona - 440
3319 West Earll Drive
Phoenix, AZ 85017
800.445.7930

Portland, Oregon - 401
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Portland, OR 97210
800.770.4128

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Burlington, ON L7L5Y7
905.332.9559

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Prague

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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