



OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
ABNORMAL
NORMAL

Area

Store 8 - Pikeville

Machine Id

JOHN DEERE 50D E-50 (S/N FF050DX270596)

Component

Diesel Engine

Fluid

JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- QTS)

RECOMMENDATION

We advise that you check the air filter, air induction system, and any areas where dirt may enter the component. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Table with 7 columns: Test, UOM, Method, Limit/Abn, Current, History1, History2. Rows include Sample Number, Sample Date, Machine Age, Oil Age, Filter Age, Oil Changed, Filter Changed, and Sample Status.

WEAR

All component wear rates are normal.

Table with 7 columns: Test, UOM, Method, Limit/Abn, Current, History1, History2. Rows include Iron, Chromium, Nickel, Titanium, Silver, Aluminum, Lead, Copper, Tin, Vanadium, White Metal, and Yellow Metal.

CONTAMINATION

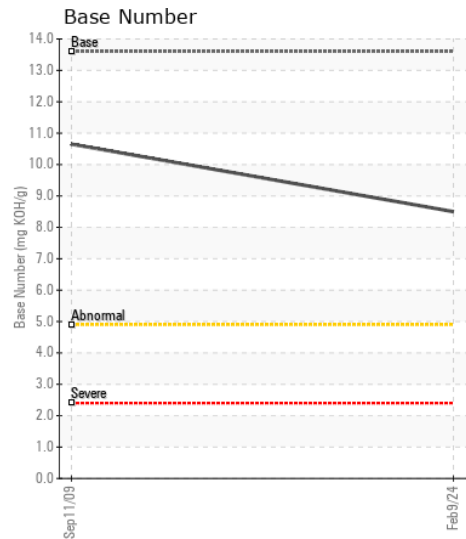
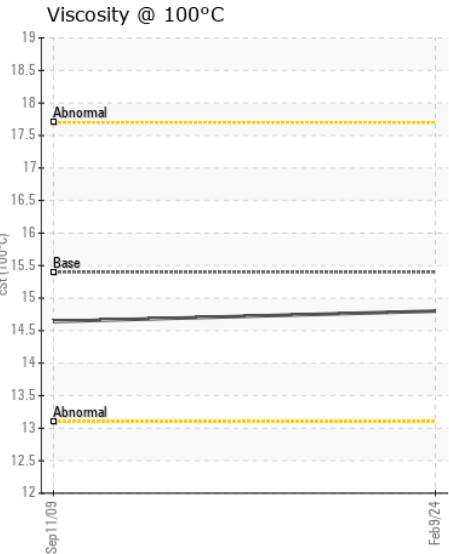
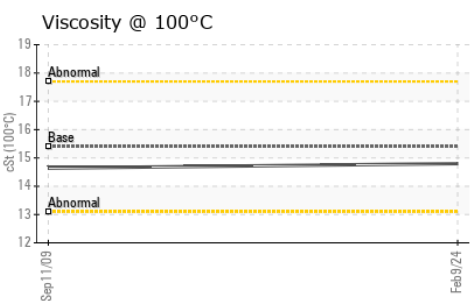
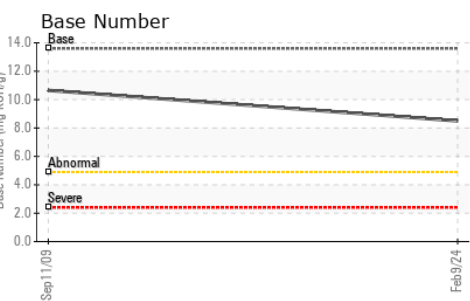
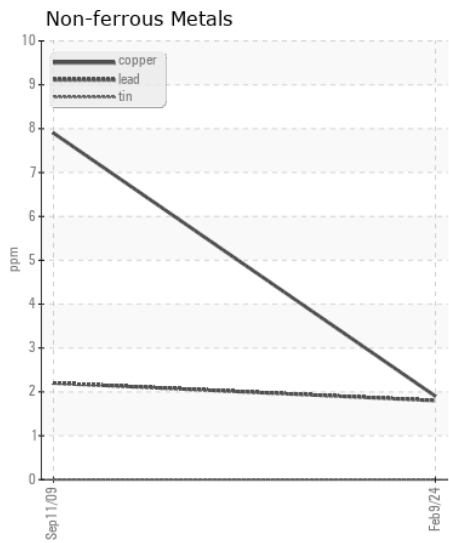
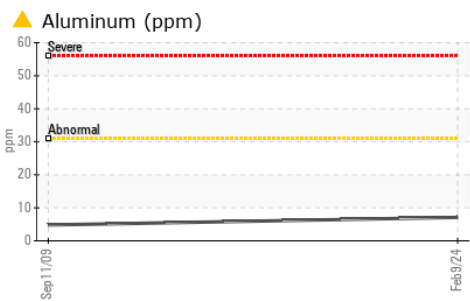
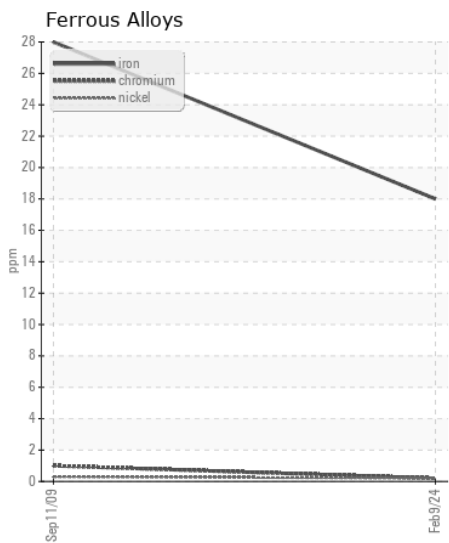
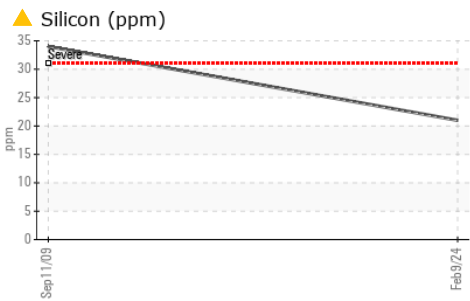
Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

Table with 7 columns: Test, UOM, Method, Limit/Abn, Current, History1, History2. Rows include Silicon, Potassium, Fuel, Water, Glycol, Soot %, Nitration, Sulfation, Silt, Debris, Sand/Dirt, Appearance, Odor, and Emulsified Water.

FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Table with 7 columns: Test, UOM, Method, Limit/Abn, Current, History1, History2. Rows include Sodium, Boron, Barium, Molybdenum, Manganese, Magnesium, Calcium, Phosphorus, Zinc, Sulfur, Oxidation, Base Number (BN), and Visc @ 100°C.



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : LEC0044158 **Received** : 14 Feb 2024
Lab Number : 06088656 **Tested** : 15 Feb 2024
Unique Number : 10876101 **Diagnosed** : 15 Feb 2024 - Sean Felton
Test Package : CONST (Additional Tests: TBN)

COUNTRY BOYZ METAL
 P.O. BOX 2442
 PIKEVILLE, KY
 US 41502
 Contact: DAVID ROBINSON

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)

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