[[CARDINAL METALS]] JOHN DEERE 230C FF230CX603466 - DIESEL ENGINE

Sample No: JR0187215

Oil Type: JOHN DEERE ENGINE OIL PLUS 50 II 15W40

SAMPLE INFORMATION JR0187215 Sample Number Sample Date 19 Apr 2024 Machine Hours 13262 Oil Hours 0 Oil Changed N/A Sample Status **ABNORMAL OIL CONDITION** Visc @ 100°C cSt **17.1** Base Number (BN) mg KOH/g **6.7** Oxidation (PA) 123 CONTAMINATION % NEG Water % **■0.9** Soot % Nitration (PA) % 113 % Sulfation (PA) 85 Glycol % NEG % Fuel < 1.0 Silicon ppm **13** Sodium **3** ppm Potassium ppm **1 WEAR METALS 144** Iron ppm Copper **5** ppm Lead **7** ppm Tin ppm **-<1** Aluminum ppm **15** Chromium **■8** ppm Molybdenum **206** ppm Nickel **5** ppm Titanium ppm <1 Silver ppm **0** Manganese **1** ppm Vanadium ppm <1 **ADDITIVES** Calcium **1646** ppm Magnesium **926** ppm Zinc **1389** ppm

8:32:39) Rev: 1

1073

-<1

70

Phosphorus

Barium

Boron

ppm

ppm

ppm

JRE - GREENSBORO

411 SOUTH REGIONAL ROAD

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US 27409
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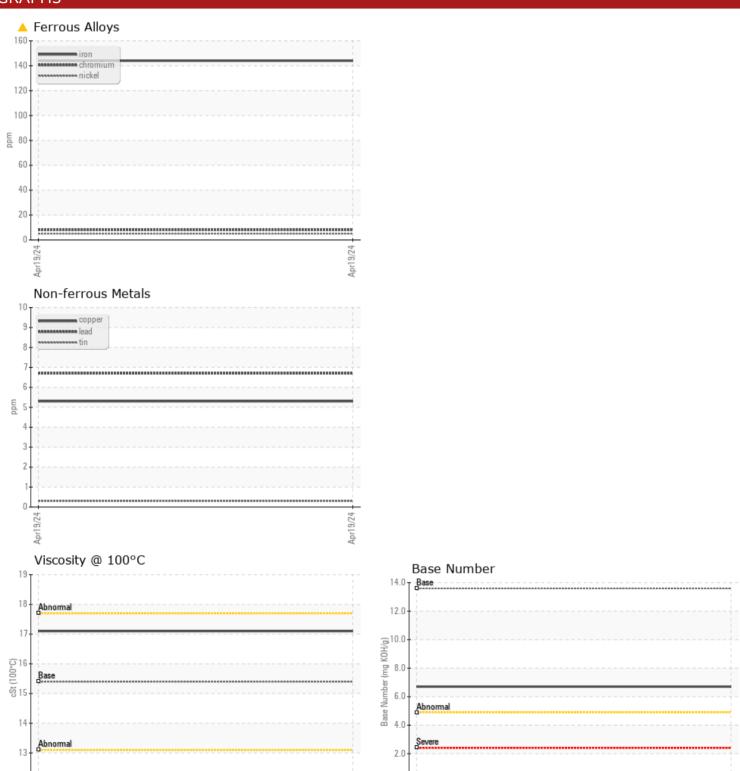
F: (336)665-9556

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Cylinder, crank, or cam shaft wear is indicated. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot: JAMGRE
Unique No: 10992857
Signed: Sean Felton
Report Date: 25 Apr 2024
Contact/Location: GREG WEATHERLY - JAMGRE

GRAPHS



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