

CONTAMINATION NORMAL

WEAR

NORMAL

[CA MURREN AND SONS] JOHN DEERE 310SL 1T0310SLVFF286491

Transmission (Manual)

JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

Rescample at the next service interval to monitor. Test UOM Method Limit/An Current History1 Sample Aut the next service interval to monitor. Sample Date Client Info JR0218397 Sample Date Client Info I2 Jun 2024 Machine Age hrs Client Info I367 Machine Age hrs Client Info I367 Oil Age hrs Client Info I 1367 Oil Age hrs Client Info I 0 Oil Changed Client Info I 0 Oil Changed Client Info I Not Changed Filter Changed Client Info I Not Changed All component wear rates are normal. PQ ASTM D5185 >200 59 Nickel ppm ASTM D5185 >5 c1 Nickel ppm ASTM D5185 >5	History2
Sample Date Client Info 12 Jun 2024 Machine Age hrs Client Info 1367 Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Changed Client Info Client Info 0 Filter Changed Client Info Client Info Sample Status Client Info Changed WEAR PQ ASTM D8184 -95 26 All component wear rates are normal. PQ ASTM D5185 >20 59 Nickel ppm ASTM D5185 >5 0 Silver ppm ASTM D5185 >5 0 Aluminum ppm ASTM D5185 >5 8 Aluminum ppm ASTM D5185 >5 0	
$\begin{tabular}{l l l l l l l l l l l l l l l l l l l $	
Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Changed Client Info Into Not Changed Oil Changed Client Info Into Not Changed Filter Changed Into Client Info Into Changed Sample Status Client Info Into PQ Sample Status WEAR PQ ASTM D8184 >95 26 All component wear rates are normal. PQ ASTM D5185m >0 Nickel ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >7 0 Silver ppm ASTM D5185m >7 0 Aluminum ppm ASTM D5185m >7 0 Lead ppm ASTM D5185m >4	
Filter Age hrs Client Info I 0 Oil Changed Client Info I Not Changed Filter Changed I Client Info V Changed Sample Status NORMAL NORMAL WEAR PQ ASTM D8184 >95 26 Iron ppm ASTM D5185m >200 59 Chromium ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m >50 0 Silver ppm ASTM D5185m >50 0 Aluminum ppm ASTM D5185m >70 0 Lead ppm ASTM D5185m >50 0	
Oil ChangedClient InfoNot ChangedFilter ChangedClient InfoIChangedSample StatusNORMALNORMALWEARPQASTM D8184>9526IronppmASTM D51855>20059ChromiumppmASTM D51855>50NickelppmASTM D51855>5<1	
Filter Changed Image Client Info Image Changed Image Sample Status Sample Status NORMAL WEAR PQ ASTM D8184 >95 26 All component wear rates are normal. Iron ppm ASTM D5185m >200 59 Nickel ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m >7 0 Aluminum ppm ASTM D5185m >25 8 Aluminum ppm ASTM D5185m >25 8	
Sample Status NORMAL WEAR PQ ASTM D8184 >95 26 Iron ppm ASTM D5185m >200 59 Chromium ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >5 0 Titanium ppm ASTM D5185m >7 0 Silver ppm ASTM D5185m >25 8 Aluminum ppm ASTM D5185m >25 8 Lead ppm ASTM D5185m >25 0	
PQ ASTM D8184 >95 26 Iron ppm ASTM D5185m >200 59 Chromium ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >5 0 Titanium ppm ASTM D5185m >5 0 Silver ppm ASTM D5185m >7 0 Aluminum ppm ASTM D5185m >25 8 Lead ppm ASTM D5185m >25 0	
Iron ppm ASTM D5185m >200 59 Chromium ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >5 <1 Titanium ppm ASTM D5185m >5 <1 Silver ppm ASTM D5185m >7 0 Aluminum ppm ASTM D5185m >25 8 Lead ppm ASTM D5185m >45 0	
Iron ppm ASTM D5185m >200 59 Chromium ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >5 <1	
Chromium ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >5 <1 Titanium ppm ASTM D5185m >5 <1 Silver ppm ASTM D5185m >7 0 Aluminum ppm ASTM D5185m >25 8 Lead ppm ASTM D5185m >45 0	
NickelppmASTM D5185m>5<1TitaniumppmASTM D5185m>50SilverppmASTM D5185m>700AluminumppmASTM D5185m>258LeadppmASTM D5185m>450	
Titanium ppm ASTM D5185m O Silver ppm ASTM D5185m >7 O Aluminum ppm ASTM D5185m >25 8 Lead ppm ASTM D5185m >45 O	
Silver ppm ASTM D5185m >7 0 Aluminum ppm ASTM D5185m >25 8 Lead ppm ASTM D5185m >45 0	
Aluminum ppm ASTM D5185m >25 8 Lead ppm ASTM D5185m >45 0	
Lead ppm ASTM D5185m >45 0	
Copper ppm ASTM D5185m >225 69	
Tin ppm ASTM D5185m >10 <1	
Vanadium ppm ASTM D5185m 0	
White Metal scalar *Visual NONE NONE	
Yellow Metal scalar *Visual NONE NONE	
CONTAMINATION Silicon ppm ASTM D5185m >125 6	
Potassium ppm ASTM D5185m >20 4 Water WC Method >0.1 NEG	
Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE	
Appearance scalar Visual NORML NORML	
Odor scalar *Visual NORML NORML	
Emulsified Water scalar *Visual >0.1 NEG	
FLUID CONDITION Sodium ppm ASTM D5185m 8	
The condition of the fluid is acceptable for the time in service. Boron ppm ASTM D5185m 6 19	
Barium ppm ASTM D5185m 0 3	
Molybdenum ppm ASTM D5185m 0 0	
Manganese ppm ASTM D5185m 3	
Magnesium ppm ASTM D5185m 145 87	
Calcium ppm ASTM D5185m 3570 3604	
Phosphorus ppm ASTM D5185m 1290 1123	

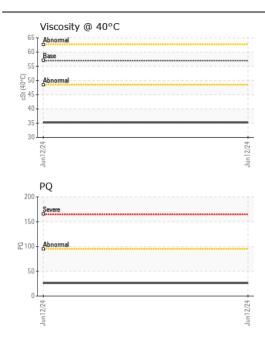
Visc @ 40°C

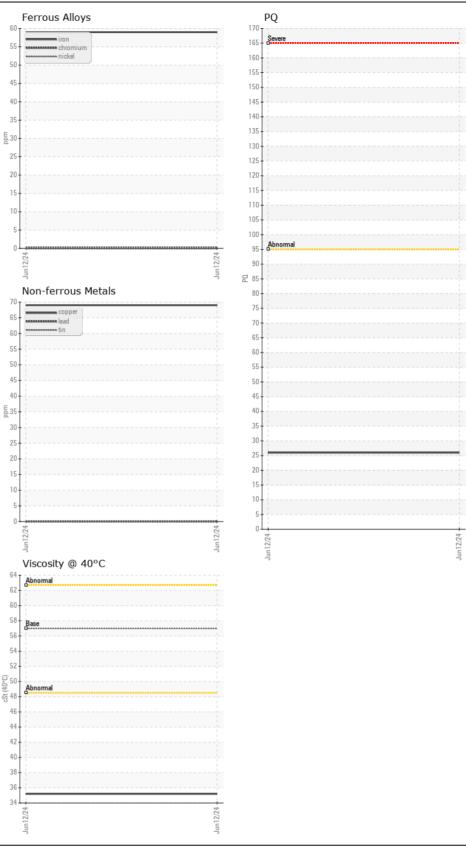
cSt

ASTM D445 57.0

Contact/Location: DON VEST - JAMMAN

35.2





JRE - MANASSAS PARK Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : JR0218397 Received : 17 Jun 2024 9107 OWENS DRIVE ĕ Lab Number : 06211988 Tested MANASSAS PARK, VA : 19 Jun 2024 Unique Number : 11084852 Diagnosed : 19 Jun 2024 - Sean Felton US 20111 Test Package : CONST (Additional Tests: PQ) Contact: DON VEST Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. dvest@jamesriverequipment.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (703)631-8500 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (703)631-4715

Contact/Location: DON VEST - JAMMAN Page 2 of 2