



**RECOMMENDATION** 

## Area Store 9 - Marietta [143265] Machine Id JOHN DEERE 624L 1DW624LZEKF694096 Component Brake Fluid

JOHN DEERE HY-GARD HYD/TRANS (10 Oz)

The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor.

V	VI		Λ	
V		=7	A)	Б

All component wear rates are normal.

## CONTAMINATION

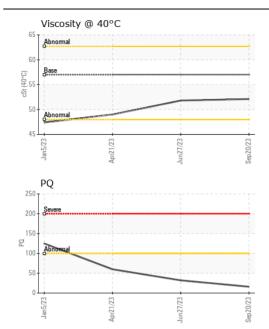
There is no indication of any contamination in the fluid.

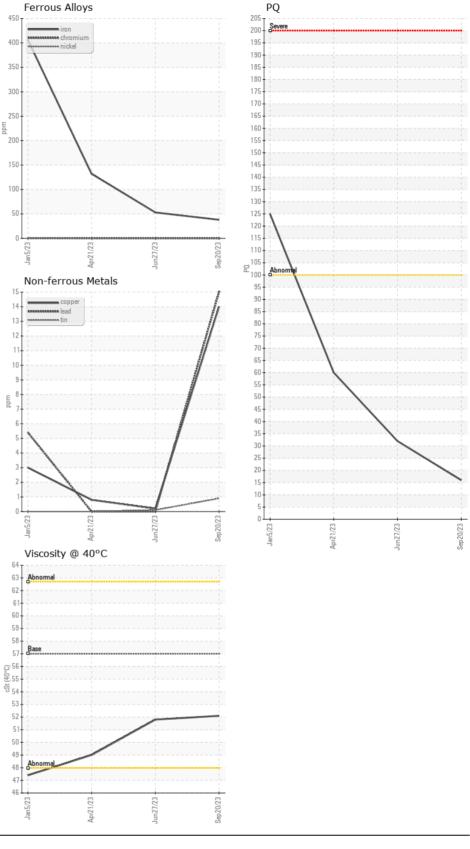
FL	CON	DITION	

The condition of the fluid is acceptable for the time in service.

Sample Number   Client Info   LEC0043537   LEC0041045   LEC     Sample Date   Client Info   20 Sep 2023   27 Jun 2023   21     Machine Age   hrs   Client Info   5903   5352   49     Oil Age   hrs   Client Info   551   978   54     Filter Age   hrs   Client Info   0   0   0   0     Oil Changed   Client Info   Client Info   Changed   N/A   N/A   No     Filter Changed   Client Info   N/A   N/A   N/A   No     Sample Status   Client Info   N/A   N/A   NORMAL   NO     PQ   ASTM D8184   16   32   10   10   10   10     Iron   ppm   ASTM D5185m<>5   <1   <1<   10   <	et Changd et Changd DRMAL 60 132 <1 0 6 6 0
Sample DateClient Info20 Sep 202327 Jun 202321Machine AgehrsClient Info5903535249Oil AgehrsClient Info55197854Filter AgehrsClient Info000Oil ChangedClient InfoChangedChangedN/AN/AFilter ChangedClient InfoN/AN/AN/ANoSample StatusClient InfoN/AN/ANORMALNORMALNORMALPQASTM D5185m>3503853385335ChromiumppmASTM D5185m>5<1	Apr 2023 23 9 tt Changd tt Changd tt Changd DRMAL 60 132 <1 0 6 6 0
Machine AgehrsClient Info5903535249Oil AgehrsClient Info55197854Filter AgehrsClient Info000Oil ChangedClient InfoChangedChangedNoFilter ChangedClient InfoN/AN/ANoSample StatusClient InfoN/AN/ANoPQASTM D818416321IronppmASTM D5185m>350385331ChromiumppmASTM D5185m>5<1<11NickelppmASTM D5185m>5001SilverppmASTM D5185m>8301LeadppmASTM D5185m>101501CopperppmASTM D5185m>1014<11TinppmASTM D5185m>5<1<11	23 9 t Changd t Changd DRMAL 60 132 <1 0 6 0
Oil AgehrsClient Info55197854Filter AgehrsClient Info000Oil ChangedClient InfoChangedChangedNoFilter ChangedClient InfoN/AN/AN/ANoSample StatusClient InfoNORMALNORMALNORMALNORMALNORMALPQASTM D8184163232335334IronppmASTM D5185m>3503853535ChromiumppmASTM D5185m>5<1	9 tt Changd tt Changd DRMAL 60 132 <1 0 6 0 6 0
Filter AgehrsClient Info000Oil ChangedClient InfoChangedChangedNoFilter ChangedClient InfoN/AN/ANoSample StatusClient InfoN/ANORMALNORMALPQASTM D81841632IIronppmASTM D5185m>3503853IChromiumppmASTM D5185m>5<1<1INickelppmASTM D5185m>500ITitaniumppmASTM D5185m>830ISilverppmASTM D5185m>830ILeadppmASTM D5185m>10150ICopperppmASTM D5185m>15014<1ITinppmASTM D5185m>5<1<1I	et Changd et Changd DRMAL 60 132 <1 0 6 6 0
Oil ChangedClient InfoChangedChangedNoFilter ChangedClient InfoN/AN/ANoSample StatusClient InfoNORMALNORMALNORMALNOPQASTM D81841632IIronppmASTM D5185m>35038533IChromiumppmASTM D5185m>5<1<1INickelppmASTM D5185m>500ITitaniumppmASTM D5185m>02IISilverppmASTM D5185m>830ILeadppmASTM D5185m>10150ICopperppmASTM D5185m>15014<1ITinppmASTM D5185m>5<1<1I	t Changd DRMAL 60 132 <1 0 6 0
Filter ChangedClient InfoN/AN/AN/AN/AN/ASample StatusNORMALNORMALNORMALNORMALNORMALNORMALNORMALPQASTM D81841632III	t Changd DRMAL 60 132 <1 0 6 0
Sample Status   NORMAL   NORMAL	60 132 <1 0 6 0
PQ ASTM D8184 16 32   Iron ppm ASTM D5185m >350 38 53 53   Chromium ppm ASTM D5185m >5 <1	60 132 <1 0 6 0
Iron   ppm   ASTM D5185m   >350   38   53     Chromium   ppm   ASTM D5185m   >5   <1   <1     Nickel   ppm   ASTM D5185m   >5   0   0   2     Titanium   ppm   ASTM D5185m   >5   0   0   2     Silver   ppm   ASTM D5185m   >8   3   0   2     Aluminum   ppm   ASTM D5185m   >8   3   0   2     Lead   ppm   ASTM D5185m   >10   15   0   2     Copper   ppm   ASTM D5185m   >100   14   <1	132 <1 0 6 0
Iron   ppm   ASTM D5185m   >350   38   53     Chromium   ppm   ASTM D5185m   >5   <1   <1     Nickel   ppm   ASTM D5185m   >5   0   0   2     Titanium   ppm   ASTM D5185m   >5   0   0   2     Silver   ppm   ASTM D5185m   >8   3   0   2     Aluminum   ppm   ASTM D5185m   >8   3   0   2     Lead   ppm   ASTM D5185m   >10   15   0   2     Copper   ppm   ASTM D5185m   >100   14   <1	132 <1 0 6 0
Chromium   ppm   ASTM D5185m   >5   <1	<1 0 6 0
Nickel   ppm   ASTM D5185m   >5   0   0     Titanium   ppm   ASTM D5185m   0   2     Silver   ppm   ASTM D5185m   0   0   2     Silver   ppm   ASTM D5185m   0   0   0     Aluminum   ppm   ASTM D5185m   >8   3   0     Lead   ppm   ASTM D5185m   >10   15   0     Copper   ppm   ASTM D5185m   >150   14   <1     Tin   ppm   ASTM D5185m   >5   <1   <1	0 6 0
Titanium   ppm   ASTM D5185m   0   2     Silver   ppm   ASTM D5185m   0   0   2     Aluminum   ppm   ASTM D5185m   S   3   0     Lead   ppm   ASTM D5185m   >10   15   0     Copper   ppm   ASTM D5185m   >150   14   <1	6 0
Silver   ppm   ASTM D5185m   0   0     Aluminum   ppm   ASTM D5185m   >8   3   0     Lead   ppm   ASTM D5185m   >10   15   0     Copper   ppm   ASTM D5185m   >150   14   <1	0
Aluminum   ppm   ASTM D5185m   >8   3   0     Lead   ppm   ASTM D5185m   >10   15   0     Copper   ppm   ASTM D5185m   >150   14   <1	
Lead   ppm   ASTM D5185m   >10   15   0     Copper   ppm   ASTM D5185m   >150   14   <1	1
Copper   ppm   ASTM D5185m   >150   14   <1	0
Tin   ppm   ASTM D5185m   >5   <1	<1
	0
	0
White Metal scalar *Visual NONE NONE MODER	MODER
Yellow Metal scalar *Visual NONE NONE NONE	NONE
Silicon ppm ASTM D5185m >400 4 36	92
Potassium ppm ASTM D5185m >20 0 1	0
Water WC Method >0.2 NEG NEG	NEG
Silt scalar *Visual NONE NONE NONE	NONE
Debris scalar *Visual NONE NONE NONE	NONE
Sand/Dirt scalar *Visual NONE NONE NONE	NONE
Appearance scalar *Visual NORML NORML NORML	NORML
Odor scalar *Visual NORML NORML NORML	NORML
Emulsified Water scalar *Visual >0.2 NEG NEG	NEG
Sodium ppm ASTM D5185m 6 3	9
Boron ppm ASTM D5185m 6 0 18	51
Barium ppm ASTM D5185m 0 0 0	0
Molybdenum ppm ASTM D5185m 0 <1 7	23
Manganese ppm ASTM D5185m 2 1	2
Magnesium   ppm   ASTM D5185m   145   84   161	234
Calcium ppm ASTM D5185m 3570 3209 3494	2843
Phosphorus   ppm   ASTM D5185m   1290   956   1031	892
Zinc ppm ASTM D5185m 1640 1065 1300	1059
	3827
Sulfur   ppm   ASTM D5185m   3704   4468	

Submitted By: STORE 1 - COWEN - JENNIFER ARMENTROUT





: WearCheck USA - 501 Madison Ave., Cary, NC 27513 LESLIE EQUIPMENT COMPANY Laboratory 回告 Sample No. : LEC0043537 Received : 25 Sep 2023 105 TENNIS CENTER DR. Lab Number : 05959981 MARIETTA, OH Tested : 26 Sep 2023 : 26 Sep 2023 - Doug Bogart Unique Number : 10661194 US 45750-9765 Diagnosed Test Package : CONST (Additional Tests: PQ) Contact: LEANNE KENDALL Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. KendalLeanne@lec1.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (740)373-5570

Submitted By: STORE 1 - COWEN - JENNIFER ARMENTROUT

Page 2 of 2