

# JOHN DEERE 3032E 60098461 (S/N AH310716)

#### Component Hydraulic System

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

	REC	OM	MEN	DAT	ON
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We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

### WEAR

The iron level is severe.

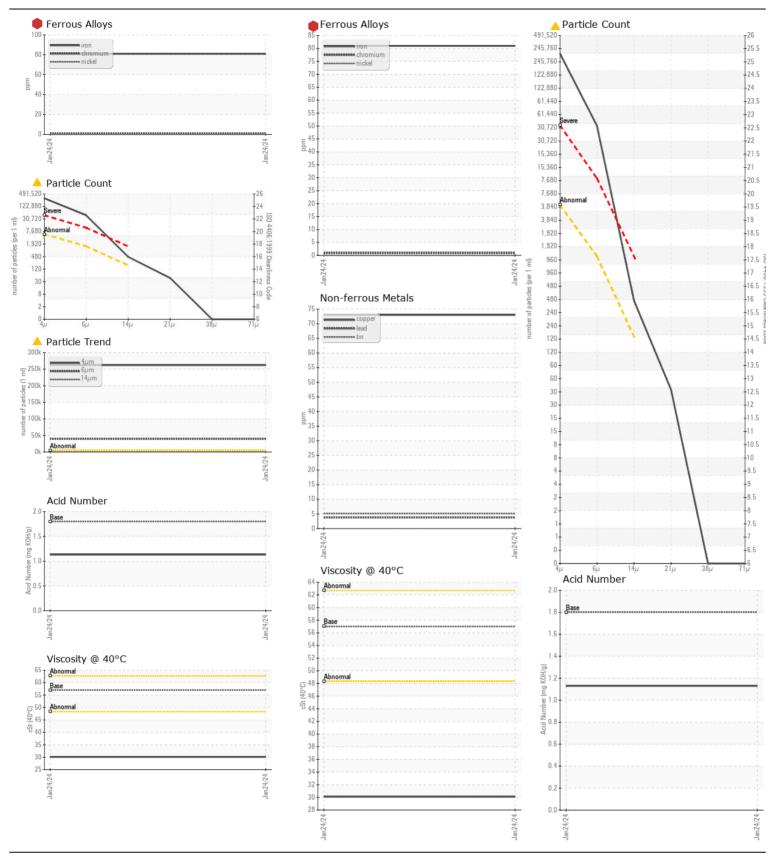
## CONTAMINATION

There is a high amount of particulates present in the oil.

## FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oils additive package is suitable for further service.

Test     UOM     Method     Limit/Abs     Current     History1     History2       Sample Number     Client Info     24 Jan 2024         Machine Age     hrs     Client Info     506         Machine Age     hrs     Client Info     0         Oil Age     hrs     Client Info     0         Oil Changed     Client Info     0          Filter Changed     Client Info     Not Changd          Sample Status      SEVERE          PQ     ASTM D5185m     >10     <1         Nickel     ppm     ASTM D5185m     >10     6         Silver     ppm     ASTM D5185m     >10     6         Aluminum     ppm     ASTM D5185m     >10     4         Yanadium					$\sim$		
Sample Number     Client Info     JR0183577         Sample Date     Client Info     24 Jan 2024         Machine Age     hrs     Client Info     506         Oil Age     hrs     Client Info     0         Oil Changed     Client Info     0         Filter Age     nrs     Client Info     Not Changd         Gil Age     hrs     Client Info     Not Changd         Sample Status     Client Info     Not Changd          Sample Status      SEVERE          Nickel     ppm     ASTM D5185m     >10     0         Nickel     ppm     ASTM D5185m     >10     6         Aluminum     ppm     ASTM D5185m     >10     6         Lead     ppm     ASTM D5185m     >10 <th></th> <th>UOM N</th> <th>lethod</th> <th>Limit/Abn</th> <th>Current</th> <th>History1</th> <th>History2</th>		UOM N	lethod	Limit/Abn	Current	History1	History2
Machine Age     hrs     Client Info     506         Oil Age     hrs     Client Info     0         Filter Age     hrs     Client Info     Not Changd         Oil Changed     Client Info     Not Changd          Filter Changed     Client Info     Not Changd          Sample Status      SEVERE          PQ     ASTM D5185m<>20     81          Chromium     ppm     ASTM D5185m<>10     <1         Nickel     ppm     ASTM D5185m<>10     0         Silver     ppm     ASTM D5185m<>10     4         Lead     ppm     ASTM D5185m<>10     5         Vanadium     ppm     ASTM D5185m<>10     5         Vellow Metal     scalar     'Visual     NONE	le Number	nber C	lient Info		JR0183577		
Oil Age     hrs     Client Info     0         Filter Age     hrs     Client Info     Not Changd         Oil Changed     Client Info     Not Changd          Filter Changed     Client Info     Not Changd          Sample Status      SEVERE          PQ     ASTM D5185m     >20     ● 81         Chromium     ppm     ASTM D5185m     >10     0         Nickel     ppm     ASTM D5185m     >10     0         Silver     ppm     ASTM D5185m     >10     6         Lead     ppm     ASTM D5185m     >10     4         Vanadium     ppm     ASTM D5185m     >10     5         Vellow Metal     scalar     *Visual     NONE     NONE <t< th=""><th>ple Date</th><th>te C</th><th>lient Info</th><th></th><th>24 Jan 2024</th><th></th><th></th></t<>	ple Date	te C	lient Info		24 Jan 2024		
Filter Age     hrs     Client Info     0         Oil Changed     Client Info     Not Changd         Filter Changed     Client Info     Not Changd         Sample Status     Client Info     Not Changd         Sample Status     STM D8184     35         PQ     ASTM D8185     >20     81         Chromium     ppm     ASTM D5185     >10     0         Nickel     ppm     ASTM D5185     >10     0         Silver     ppm     ASTM D5185     >10     6         Silver     ppm     ASTM D5185     >10     4         Copper     ppm     ASTM D5185     >10     5         Vanadium     ppm     ASTM D5185     >10     5         Yellow Metal     scalar     *Visual     NON	nine Age	e hrs C	lient Info		506		
Filter Age     hrs     Client Info     0         Oil Changed     Client Info     Not Changd         Filter Changed     Client Info     Not Changd         Sample Status     Client Info     Not Changd         Sample Status     STM D8184     35         PQ     ASTM D8185     >20     81         Chromium     ppm     ASTM D5185     >10     0         Nickel     ppm     ASTM D5185     >10     0         Silver     ppm     ASTM D5185     >10     6         Silver     ppm     ASTM D5185     >10     4         Copper     ppm     ASTM D5185     >10     5         Vanadium     ppm     ASTM D5185     >10     5         Yellow Metal     scalar     *Visual     NON	ae	hrs C	lient Info		0		
Oil ChangedClient InfoNot ChangdFilter ChangedClient InfoNot ChangdSample StatusSEVEREPQASTM D818435IronppmASTM D5185m>2081NickelppmASTM D5185m>10<1NickelppmASTM D5185m>100NickelppmASTM D5185m<1SilverppmASTM D5185m>106AluminumppmASTM D5185m>106LeadppmASTM D5185m>105CopperppmASTM D5185m>105VanadiumppmASTM D5185m>105VanadiumppmASTM D5185m>2017Yellow Metalscalar*VisualNONESiliconppmASTM D5185m>204Particles >4µmppmASTM D7647>5000262234Particles >4µmASTM D7647>100Particles >4µmASTM D7647>100Particles >4µmASTM D7647>100Particles >4µmASTM D7647>100 <td< th=""><th>0</th><th>hrs C</th><th>lient Info</th><th></th><th>0</th><th></th><th></th></td<>	0	hrs C	lient Info		0		
Filter Changed Sample Status     Client Info     Not Changd SEVERE         PQ     ASTM D8184     35         Iron     ppm     ASTM D5185m     >20     81        Chromium     ppm     ASTM D5185m     >10     <1        Nickel     ppm     ASTM D5185m     >10     0        Silver     ppm     ASTM D5185m     >10     0        Aluminum     ppm     ASTM D5185m     >10     6        Aluminum     ppm     ASTM D5185m     >10     6        Aluminum     ppm     ASTM D5185m     >10     6        Copper     ppm     ASTM D5185m     >10     5        Vanadium     ppm     ASTM D5185m     >10     5        Vanadium     ppm     ASTM D5185m     >10     5        Vanadium     ppm     ASTM D5185m     >20     17	•		lient Info		Not Changd		
Sample StatusSEVEREPQASTM D8184355IronppmASTM D5185>1081ChromiumppmASTM D5185>10<1NickelppmASTM D5185>100SilverppmASTM D5185<11SilverppmASTM D5185>106AluminumppmASTM D5185>106AluminumppmASTM D5185>106CopperppmASTM D5185>106VanadiumppmASTM D5185>105VanadiumppmASTM D5185>105Vite Metalscalar*VisualNONENONESiliconppmASTM D5185>2017Patricles >4µmASTM D5185>2014VaterWC Method>0.1NEGEPatricles >4µmASTM D7647>100Patricles >1µm </th <th></th> <th></th> <th>lient Info</th> <th></th> <th>•</th> <th></th> <th></th>			lient Info		•		
PQ   ASTM D8184   35       Iron   ppm   ASTM D5185m   >20   81       Chromium   ppm   ASTM D5185m   >10   <1       Nickel   ppm   ASTM D5185m   >10   0       Silver   ppm   ASTM D5185m   >10   6       Aluminum   ppm   ASTM D5185m   >10   4       Copper   ppm   ASTM D5185m   >10   4       Vanadium   ppm   ASTM D5185m   >75   73       Vanadium   ppm   ASTM D5185m   >70   5       Vanadium   ppm   ASTM D5185m   >10   5       Vanadium   ppm   ASTM D5185m   >20   17       Vater   wC Method   >0.1   NORE        Particles >4µm   ASTM D7647   >100 <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th></td<>							
Iron     ppm     ASTM D5185m     >20     ● 81         Chromium     ppm     ASTM D5185m     >10     <1         Nickel     ppm     ASTM D5185m     >10     0         Titanium     ppm     ASTM D5185m     <1         Silver     ppm     ASTM D5185m     >10     6         Aluminum     ppm     ASTM D5185m     >10     4         Lead     ppm     ASTM D5185m     >10     4         Copper     ppm     ASTM D5185m     >10     5         Vanadium     ppm     ASTM D5185m     >10     5         Yellow Metal     scalar     *Visual     NONE     NONE         Silicon     ppm     ASTM D5185m<>20     17         Yellow Metal     scalar     *Visual     N							
Chromium     ppm     ASTM D5185m     >10     <1		A	STM D8184		35		
Nickel     ppm     ASTM D5185m     >10     0        Titanium     ppm     ASTM D5185m      <1        Silver     ppm     ASTM D5185m      3        Aluminum     ppm     ASTM D5185m     >10     6        Aluminum     ppm     ASTM D5185m     >10     4        Copper     ppm     ASTM D5185m     >57     73        Copper     ppm     ASTM D5185m     >10     5        Vanadium     ppm     ASTM D5185m     >10     5        White Metal     scalar     *Visual     NONE         Yellow Metal     scalar     *Visual     NONE  <		ppm AS	STM D5185m	>20	81		
Titanium     ppm     ASTM D5185m          Silver     ppm     ASTM D5185m     3         Aluminum     ppm     ASTM D5185m<>10     6         Lead     ppm     ASTM D5185m<>10     4         Copper     ppm     ASTM D5185m<>75     73         Tin     ppm     ASTM D5185m<>10     5         Vanadium     ppm     ASTM D5185m<>20     17         Yellow Metal     scalar     *Visual     NONE         Silicon     ppm     ASTM D5185m<>20     17         Silicon     ppm     ASTM D7617     10     Acc22	mium	ppm AS	STM D5185m	>10	<1		
Silver     ppm     ASTM D5185m     3        Aluminum     ppm     ASTM D5185m<>10     6        Lead     ppm     ASTM D5185m<>10     4        Copper     ppm     ASTM D5185m<>75     73        Tin     ppm     ASTM D5185m<>10     5        Vanadium     ppm     ASTM D5185m<>10     5        White Metal     scalar     *Visual     NONE         Yellow Metal     scalar     *Visual     NONE         Silicon     ppm     ASTM D5185m<>20     17         Silicon     ppm     ASTM D5185m<>20     4         Water     WC Method<<0.1     NEG          Particles >4µm     ASTM D7647     >1300          Particles >14µm     ASTM D7647     >160             Particles >38µm     ASTM D7647	el	ppm AS	STM D5185m	>10	0		
Aluminum     ppm     ASTM D5185m     >10     6        Lead     ppm     ASTM D5185m     >10     4        Copper     ppm     ASTM D5185m     >75     73        Tin     ppm     ASTM D5185m     >10     5        Vanadium     ppm     ASTM D5185m      <11	ium	ppm AS	STM D5185m		<1		
LeadppmASTM D5185m>104CopperppmASTM D5185m>7573TinppmASTM D5185m>105VanadiumppmASTM D5185m<<1White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>2017PotassiumppmASTM D5185m>204WaterWC Method>0.1NEGParticles >4µmASTM D7647>5000 $\checkmark$ 262234Particles >6µmASTM D7647>160 $\checkmark$ 410Particles >14µmASTM D7647>100Particles >21µmASTM D7647>30Particles >38µmISO 4406 (c)>19/17/14 $\checkmark$ 25/22/16Siltscalar*VisualNONENONESiltscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLAppearancescalar*VisualNORMLNORML <th>r</th> <th>ppm AS</th> <th>STM D5185m</th> <th></th> <th>3</th> <th></th> <th></th>	r	ppm AS	STM D5185m		3		
Lead     ppm     ASTM D5185m     >10     4         Copper     ppm     ASTM D5185m     >75     73         Tin     ppm     ASTM D5185m     >10     5         Vanadium     ppm     ASTM D5185m      <1         White Metal     scalar     *Visual     NONE     NONE         Yellow Metal     scalar     *Visual     NONE     NONE         Silicon     ppm     ASTM D5185m     >20     17         Potassium     ppm     ASTM D5185m     >20     4         Water     WC Method     >0.1     NEG          Particles >4µm     ASTM D7647     >1300 $$ Particles >14µm     ASTM D7647     >160          Particles >38µm     ASTM D7647     30	inum	ppm A	STM D5185m	>10	6		
Copper     ppm     ASTM D5185m     >75     73         Tin     ppm     ASTM D5185m     >10     5         Vanadium     ppm     ASTM D5185m      <1         White Metal     scalar     *Visual     NONE     NONE         Yellow Metal     scalar     *Visual     NONE     17         Silicon     ppm     ASTM D5185m     >20     14         Potassium     ppm     ASTM D5185m     >20     17         Water     WC Method     >0.1     NEG         Particles >4µm     ASTM D7647     >1300 $\checkmark$ 262234         Particles >5µm     ASTM D7647     >160 $\checkmark$ 4100         Particles >4µm     ASTM D7647     >10     0         Particles >3µm     ASTM D7647     >30     0 <t< th=""><th></th><th></th><th>STM D5185m</th><th>&gt;10</th><th>4</th><th></th><th></th></t<>			STM D5185m	>10	4		
TinppmASTM D5185m>105VanadiumppmASTM D5185m<1White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>2017PotassiumppmASTM D5185m>204WaterWC Method>0.1NEGParticles >4µmASTM D7647>5000 $\checkmark$ 262234Particles >6µmASTM D7647>160 $\checkmark$ 39624Particles >14µmASTM D7647>100Particles >14µmASTM D7647>100Particles >14µmASTM D7647>30Particles >38µmASTM D7647>30Particles >71µmASTM D7647>30Siltscalar*VisualNONENONESiltscalar*VisualNONENONESand/Dirtscalar*VisualNORENOREAppearancescalar*VisualNORMNORMLAppearancescalar*VisualNORMLNORMLAppearancescalar*VisualNORMLNORML	ber		STM D5185m	>75	73		
VanadiumppmASTM D5185m<1			STM D5185m	>10	5		
White Metal Yellow Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiliconppmASTM D5185m>2017PotassiumppmASTM D5185m>204WaterWC Method>0.1NEGParticles >4µmASTM D7647>5000▲ 262234Particles >6µmASTM D7647>160▲ 410Particles >14µmASTM D7647>100Particles >21µmASTM D7647>100Particles >38µmASTM D7647>30Particles >71µmASTM D7647>30Oil CleanlinessISO 4406 (c)>19/17/14▲ 25/22/16Siltscalar*VisualNONENONESand/Dirtscalar*VisualNORENOREAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORML	dium				<1		
Silicon     ppm     ASTM D5185m     >20     17        Potassium     ppm     ASTM D5185m     >20     4        Water     WC Method     >0.1     NEG         Particles >4 $\mu$ m     ASTM D7647     >5000 $\checkmark$ 262234         Particles >6 $\mu$ m     ASTM D7647     >1300 $\checkmark$ 39624         Particles >14 $\mu$ m     ASTM D7647     >160 $\checkmark$ 410         Particles >14 $\mu$ m     ASTM D7647     >160 $\checkmark$ 410         Particles >14 $\mu$ m     ASTM D7647     >10     0         Particles >38 $\mu$ m     ASTM D7647     >10     0         Particles >38 $\mu$ m     ASTM D7647     >10     0         Particles >38 $\mu$ m     ISO 4406 (c)     >19/17/14 $\checkmark$ 25/22/16         Silt     Scalar     *Visual     NONE     NONE        Silt	e Metal		Visual	NONE	NONE		
Silicon     ppm     ASTM D5185m     >20     17         Potassium     ppm     ASTM D5185m     >20     4         Water     WC Method     >0.1     NEG         Particles >4 $\mu$ m     ASTM D7647     >5000 $\checkmark$ 262234         Particles >6 $\mu$ m     ASTM D7647     >1300 $\checkmark$ 39624         Particles >14 $\mu$ m     ASTM D7647     >160 $\checkmark$ 410         Particles >14 $\mu$ m     ASTM D7647     >160 $\checkmark$ 410         Particles >14 $\mu$ m     ASTM D7647     >10     0         Particles >38 $\mu$ m     ASTM D7647     >10     0         Particles >38 $\mu$ m     ASTM D7647     >10     0         Particles >38 $\mu$ m     ISO 4406 (c)     >191714 $\checkmark$ 25/22/16         Silt     Scalar     *Visual     NONE     NONE	w Metal		Visual	NONE	-		
Potassium     ppm     ASTM D5185m     >20     4        Water     WC Method     >0.1     NEG         Particles >4µm     ASTM D7647     >5000     262234         Particles >6µm     ASTM D7647     >1300     39624         Particles >6µm     ASTM D7647     >160     410         Particles >14µm     ASTM D7647     >160     400         Particles >21µm     ASTM D7647     >10     0         Particles >38µm     ASTM D7647     >10     0         Particles >71µm     ASTM D7647     >3     0         Particles >71µm     ASTM D7647     >3     0         Oil Cleanliness     ISO 4406 (c)     >19/17/14     25/22/16         Silt     scalar     *Visual     NONE     NONE         Debris							
Water   WC Method   >0.1   NEG      Particles >4µm   ASTM D7647   >5000 $^{2}$ 262234      Particles >6µm   ASTM D7647   >1300 $^{3}$ 39624      Particles >6µm   ASTM D7647   >160 $^{4}$ 410      Particles >14µm   ASTM D7647   >160 $^{4}$ 410      Particles >21µm   ASTM D7647   >10   0      Particles >38µm   ASTM D7647   >10   0      Particles >38µm   ASTM D7647   >10   0      Particles >1µm   ASTM D7647   >3   0      Particles >71µm   ASTM D7647   >3   0      Particles >71µm   ASTM D7647   >3   0      Particles >71µm   ASTM D7647   >3   0      Oil Cleanliness   ISO 4406 (c)   >191/1/4 $^{4}$ 25/22/16      Silt   scalar   *Visual   NONE   NONE      Debris   scalar   *Visual   NORM   NORML	n	ppm AS	STM D5185m	>20	17		
Particles >4µm     ASTM D7647     >5000 $\checkmark$ 262234         Particles >6µm     ASTM D7647     >1300 $\checkmark$ 39624         Particles >14µm     ASTM D7647     >160 $\checkmark$ 410         Particles >14µm     ASTM D7647     >160 $\checkmark$ 410         Particles >21µm     ASTM D7647     >40     40         Particles >38µm     ASTM D7647     >10     0         Particles >71µm     ASTM D7647     >3     0         Oil Cleanliness     ISO 4406 (c)     >19/17/14 $\checkmark$ 25/22/16         Silt     scalar     *Visual     NONE     NONE         Sand/Dirt     scalar     *Visual     NORE     NORE         Appearance     scalar     *Visual     NORM     NORML         Odor     scalar     *Visual     NORM     NORML	ssium	ppm AS	STM D5185m	>20	4		
Particles >6μm     ASTM D7647     >1300     ▲ 39624        Particles >14μm     ASTM D7647     >160     ▲ 410        Particles >14μm     ASTM D7647     >160     ▲ 410        Particles >21μm     ASTM D7647     >40     40        Particles >38μm     ASTM D7647     >10     0        Particles >38μm     ASTM D7647     >3     0        Particles >71μm     ASTM D7647     >3     0        Particles >71μm     ASTM D7647     >3     0        Oil Cleanliness     ISO 4406 (c)     >191/714     ▲ 25/22/16        Silt     scalar     *Visual     NONE         Debris     scalar     *Visual     NONE     NONE        Sand/Dirt     scalar     *Visual     NORM     NORML        Appearance     scalar     *Visual     NORM     NORML        Odor     scalar     *Visual <td< th=""><th>er</th><th>W</th><th>VC Method</th><th>&gt;0.1</th><th>NEG</th><th></th><th></th></td<>	er	W	VC Method	>0.1	NEG		
Particles >14µm     ASTM D7647     >160     ▲ 410        Particles >21µm     ASTM D7647     >40     40        Particles >38µm     ASTM D7647     >40     40        Particles >38µm     ASTM D7647     >10     0        Particles >38µm     ASTM D7647     >3     0        Particles >71µm     ASTM D7647     >3     0        Oil Cleanliness     ISO 4406 (c)     >19/17/14     ▲ 25/22/16        Silt     scalar     *Visual     NONE     NONE        Debris     scalar     *Visual     NONE     NONE        Sand/Dirt     scalar     *Visual     NORM     NORME        Appearance     scalar     *Visual     NORML     NORML        Odor     scalar     *Visual     NORML     NORML	cles >4µm	μm A	STM D7647	>5000	🔺 262234		
Particles >21µm     ASTM D7647     >40     40        Particles >38µm     ASTM D7647     >10     0        Particles >38µm     ASTM D7647     >3     0        Particles >71µm     ASTM D7647     >3     0        Oil Cleanliness     ISO 4406 (c)     >1917/14     ▲ 25/22/16        Silt     scalar     *Visual     NONE         Debris     scalar     *Visual     NONE     NONE        Sand/Dirt     scalar     *Visual     NORM     NORME        Appearance     scalar     *Visual     NORM     NORML        Odor     scalar     *Visual     NORM     NORML	cles >6µm	iμm A	STM D7647	>1300	<b>A</b> 39624		
Particles >38µm     ASTM D7647     >10     0        Particles >71µm     ASTM D7647     >3     0         Oil Cleanliness     ISO 4406 (c)     >19/17/14     ▲ 25/22/16         Silt     scalar     *Visual     NONE     NONE         Debris     scalar     *Visual     NONE     NONE         Sand/Dirt     scalar     *Visual     NORE     NORE         Appearance     scalar     *Visual     NORML     NORML         Odor     scalar     *Visual     NORML     NORML	les >14µm	lμm A	STM D7647	>160	<b>410</b>		
Particles >71µm     ASTM D7647     >3     0         Oil Cleanliness     ISO 4406 (c)     >19/17/14     25/22/16         Silt     scalar     *Visual     NONE     NONE         Debris     scalar     *Visual     NONE     NONE         Sand/Dirt     scalar     *Visual     NONE     NONE         Appearance     scalar     *Visual     NORML     NORML         Odor     scalar     *Visual     NORML     NORML	les >21µm	lµm A	STM D7647	>40	40		
Oil CleanlinessISO 4406 (c)>19/17/1425/22/16Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORML	les >38µm	βµm A	STM D7647	>10	0		
Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORML	les >71µm	lµm A	STM D7647	>3	0		
Debrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORML	leanliness	ess IS	SO 4406 (c)	>19/17/14	<u> </u>		
Sand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORML		scalar *	Visual	NONE	NONE		
Appearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORML	is	scalar *	Visual	NONE	NONE		
Odor scalar *Visual NORML NORML	l/Dirt	scalar *	Visual	NONE	NONE		
	arance	e scalar *	Visual	NORML	NORML		
Emulsified Water scalar *Visual >0.1 NEG		scalar *	Visual	NORML	NORML		
	sified Water	ater scalar *	Visual	>0.1	NEG		
Sodium ppm ASTM D5185m 7		1-1-					
Boron ppm ASTM D5185m 6 3							
Barium ppm ASTM D5185m 0 <1							
Molybdenum     ppm     ASTM D5185m     0     2				0			
Manganese ppm ASTM D5185m 3							
Magnesium     ppm     ASTM D5185m     145     98		ppm AS	STM D5185m				
Calcium ppm ASTM D5185m 3570 3136				3570			
Phosphorus     ppm     ASTM D5185m     1290     962	phorus	s ppm AS	STM D5185m	1290	962		
Zinc ppm ASTM D5185m 1640 1148				1640			
Sulfur     ppm     ASTM D5185m     3406			STM D5185m		3406		
Acid Number (AN) mg KOH/g ASTM D8045 1.8 1.13	. ,		STM D8045	1.8	1.13		
Visc @ 40°C cSt ASTM D445 57.0 30.1	@ 40°C	C cSt A	STM D445	57.0	30.1		



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **JRE - HARRISONBURG** Sample No. Recieved : 31 Jan 2024 1332 GARBERS CHURCH RD : JR0183577 Lab Number : 02 Feb 2024 HARRISONBURG, VA : 06075634 Diagnosed : 10857725 Diagnostician : Jonathan Hester US 22801 **Unique Number** Test Package : CONST (Additional Tests: PQ) Contact: TERRY PUFFENBARGER Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. terry.puffenbarger@jamesriverequipment.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (540)434-4457 F: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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Contact/Location: TERRY PUFFENBARGER - JAMROCVA

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