

Store 4 - Fairmont Machine Id PRINOTH 935310208 Component Swing Drive Fluid JOHN DEERE GL-5 80W90 (1 GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

Elemental level of silicon (Si) above normal indicating ingress of seal material.

FLUID CONDITION

The oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Sample DateClient Info17 May 202329 Nov 202119 Jul 2020Machine AgehrsClient Info1748981579Oil AgehrsClient Info767981579Filter AgehrsClient Info000Oil ChangedClient InfoMoneN/AN/AFilter ChangedClient InfoNoneN/AN/ASample StatusClient InfoNoneN/AN/APQASTM D8184282128IronppmASTM D5185m>4001033442ChromiumppmASTM D5185m>10000NickelppmASTM D5185m>10000TitaniumppmASTM D5185m>2010000AluminumppmASTM D5185m>201000AluminumppmASTM D5185m>201000VanadiumppmASTM D5185m>201000VanadiumppmASTM D5185m>201000VanadiumppmASTM D5185m>20300SiliconppmASTM D5185m>20301Yellow Metalscalar'VisualNONENONENONESiliconppmASTM D5185m>20301Yellow Metalscalar'VisualNONENONENONESi							
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Oil Age Filter AgehrsClient Info767981579Filter AgehrsClient Info0000Oil ChangedClient InfoNoneN/AN/AN/ASample StatusClient InfoNoneN/AN/AN/ASample StatusASTM D818428212828IronppmASTM D5185>100<11	Sample Date		Client Info		17 May 2023	29 Nov 2021	19 Jul 202
Filter Age OhrsClient Info0000Oil ChangedClient InfoKhangedChangedNorNANANASample StatusClient InfoNoneNANANORMALNORMALNORMALPQASTM D8184282128282128282128IronppmASTM D5185>400103344222010	Machine Age	hrs	Client Info		1748	981	579
Cili ChangedClient InfoChangedNoneNatNatFilter ChangedClient InfoNoneNoneN/AN/ASample StatusASTM D8184282128IronppmASTM D8185m>100034422ChromiumppmASTM D5185m>100010NickelppmASTM D5185m>10000TitaniumppmASTM D5185m>10000NickelppmASTM D5185m>25900AuminumppmASTM D5185m>2004<11	Oil Age	hrs	Client Info		767	981	579
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Appearancescalar*VisualNORML<	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Odorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGNEGNEGSodiumppmASTM D5185m244BoronppmASTM D5185m76824BariumppmASTM D5185m000MolybdenumppmASTM D5185m0<10ManganeseppmASTM D5185m<1123MagnesiumppmASTM D5185m<3422CalciumppmASTM D5185m181117PhosphorusppmASTM D5185m4081461403ZincppmASTM D5185m1481110SulfurppmASTM D5185m<14949294929	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Waterscalar*Visual>0.2NEGNEGNEGSodiumppmASTM D5185m244BoronppmASTM D5185m76824BariumppmASTM D5185m000MolybdenumppmASTM D5185m0<10ManganeseppmASTM D5185m<1123MagnesiumppmASTM D5185m<1811117PhosphorusppmASTM D5185m1811117PhosphorusppmASTM D5185m4081461403ZincppmASTM D5185m1481110SulfurppmASTM D5185m5459172494929	Appearance	scalar	*Visual	NORML	NORML	NORML	NORMI
Sodium ppm ASTM D5185m 2 4 4 Boron ppm ASTM D5185m 76 8 24 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 4 2 3 Magnesium ppm ASTM D5185m 34 2 2 Calcium ppm ASTM D5185m 181 11 7 Phosphorus ppm ASTM D5185m 408 1461 403 Zinc ppm ASTM D5185m 148 11 10 Sulfur ppm ASTM D5185m 5459 17249 4929	Odor	scalar	*Visual	NORML	NORML	NORML	NORMI
Boron ppm ASTM D5185m 76 8 24 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 0 <1	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 0 <1	Sodium	ppm	ASTM D5185m		2	4	4
Molybdenum ppm ASTM D5185m 0 <1	Boron	ppm	ASTM D5185m		76	8	24
Manganese ppm ASTM D5185m <1	Barium	ppm	ASTM D5185m		0	0	0
Magnesium ppm ASTM D5185m 34 2 2 Calcium ppm ASTM D5185m 181 11 7 Phosphorus ppm ASTM D5185m 408 1461 403 Zinc ppm ASTM D5185m 148 11 10 Sulfur ppm ASTM D5185m 5459 17249 4929	Molybdenum	ppm	ASTM D5185m		0	<1	0
Calcium ppm ASTM D5185m 181 11 7 Phosphorus ppm ASTM D5185m 408 1461 403 Zinc ppm ASTM D5185m 148 11 10 Sulfur ppm ASTM D5185m 5459 17249 4929	Manganese	ppm	ASTM D5185m		<1	2	3
Phosphorus ppm ASTM D5185m 408 1461 403 Zinc ppm ASTM D5185m 148 11 10 Sulfur ppm ASTM D5185m 5459 17249 4929	Magnesium	ppm	ASTM D5185m		34	2	2
Zinc ppm ASTM D5185m 148 11 10 Sulfur ppm ASTM D5185m 5459 17249 4929	Calcium	ppm	ASTM D5185m		181	11	7
Sulfur ppm ASTM D5185m 5459 17249 4929	Phosphorus	ppm	ASTM D5185m		408	1461	403
	Zinc	ppm	ASTM D5185m		148	11	10
	Sulfur	ppm	ASTM D5185m		5459	17249	4929
	Visc @ 40°C	cSt	ASTM D445		40.9	157	216

NORMAL

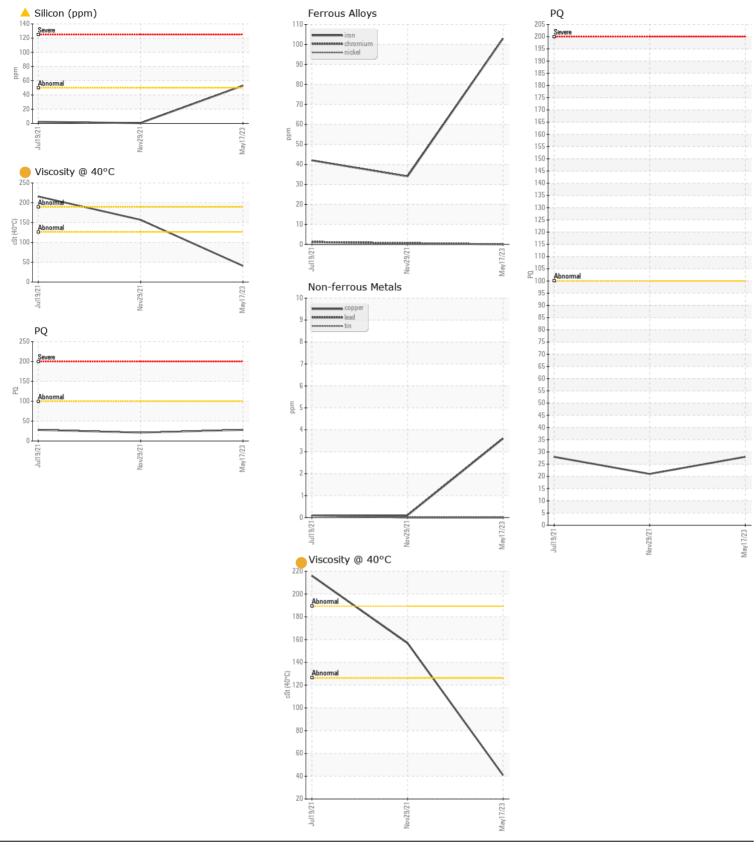
ABNORMAL

ATTENTION

WEAR

CONTAMINATION

FLUID CONDITION



LESLIE EQUIPMENT COMPANY Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received 105 TENNIS CENTER DR. : LEC0041736 : 19 May 2023 Lab Number : 05852075 Tested MARIETTA, OH : 23 May 2023 Diagnosed Unique Number : 10481430 : 23 May 2023 - Don Baldridge US 45750-9765 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: F: (740)373-5570 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)