

Store 6 - Ashland [SOUTHERN OHIO TRENCH] JOHN DEERE 245G 1FF245GXELF801565

Hydraulic System

HITACHI HYDRAULIC SUPER EX 46HN (63 GAL)

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.



All component wear rates are normal.

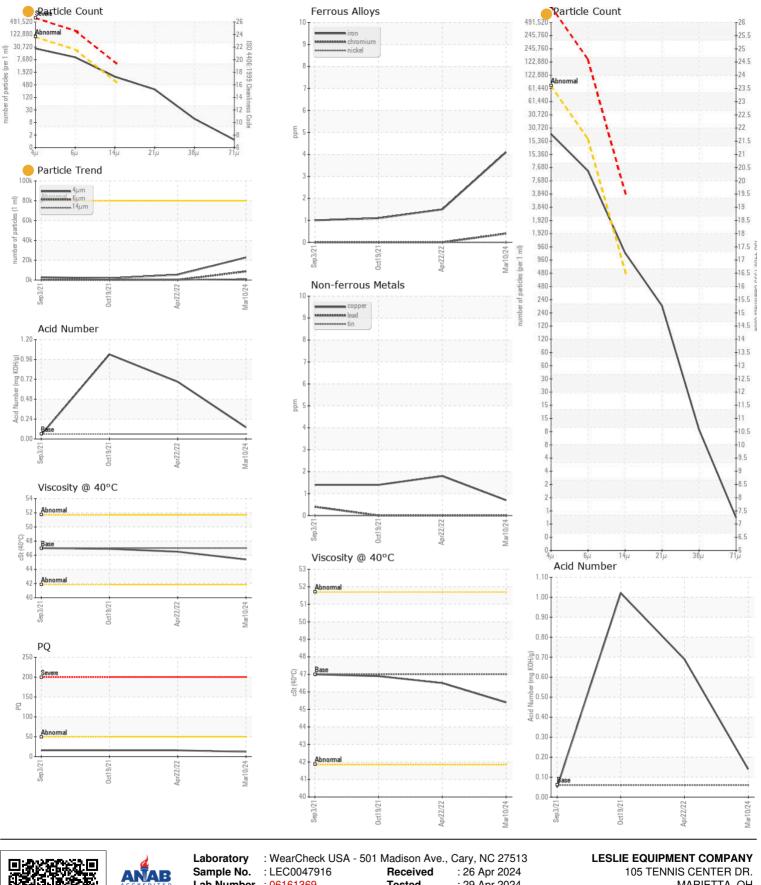
CONTAMINATION

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

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test OOW Method Linkadi Current Inistory 1 Inistory 2 Sample Number Client Info LECON240716 LECO02401	Taat		Mathad	limit/Abn	0	Lliotom	Liston ()
Sample Date Client Info 10 Mar 2024 22 Apr 2022 19 Oct 2021 Machine Age hrs Client Info 0 509 162 Oil Age hrs Client Info 0 509 0 Oil Changed Client Info 0 509 0 Oil Changed Client Info Changed Not Changed Not Changed Sample Status XTENTRNN NORMAL NORMAL NORMAL PQ ASTM D5185m >32 4 2 1 Chromium ppm ASTM D5185m >9 <1 0 0 Nickel ppm ASTM D5185m >9 0 <1 0 Silver ppm ASTM D5185m >28 0 0 0 Copper ppm ASTM D5185m >28 0 0 0 Vanadium ppm ASTM D5185m >28 0 0 0 Vanadium ppm ASTM D5185m >28 0	Test	UOM	Method	Limit/Abn	Current	History1	History2
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White Metal scalar *Visual NONE NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Silicon ppm ASTM D5185m >20 0 <1 0 Water WC Method >0.075 NEG NEG NEG Particles >4µm ASTM D7647 >80000 22776 5418 1789 Particles >6µm ASTM D7647 >640 1018 7 10 Particles >21µm ASTM D7647 >40 10 0 0 Particles >21µm ASTM D7647 >40 10 0 0 Particles >21µm ASTM D7647 >40 10 0 0 Particles >38µm ASTM D7647 >10 1 0 0 OIl Cleanliness ISO 4406 (c) >22/20/17 20/15/10 18/14/10 Silt scalar *Visual NONE NONE NONE	Tin	ppm	ASTM D5185m	>5	0	0	0
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Sodium ppm ASTM D5185m >21 <1					-		
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Boron ppm ASTM D5185m 0 1 0 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 0 0 0 <1 Magnesium ppm ASTM D5185m 0 0 0 <1	Sodium	ppm	ASTM D5185m	>21	<1	0	0
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Magnesium ppm ASTM D5185m 0 0 0 Calcium ppm ASTM D5185m 0 <1 3 Phosphorus ppm ASTM D5185m 827 473 587 556 Zinc ppm ASTM D5185m 0 13 28 27 Sulfur ppm ASTM D5185m 13 64 128 158 Acid Number (AN) mg KOH/g ASTM D8045 0.06 0.14 0.69 1.021	Molybdenum	ppm	ASTM D5185m		0	0	0
Calcium ppm ASTM D5185m 0 <1	Manganese	ppm	ASTM D5185m		0	0	<1
Phosphorus ppm ASTM D5185m 827 473 587 556 Zinc ppm ASTM D5185m 0 13 28 27 Sulfur ppm ASTM D5185m 13 64 128 158 Acid Number (AN) mg KOHg ASTM D8045 0.06 0.14 0.69 1.021	Magnesium	ppm	ASTM D5185m		0	0	0
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Acid Number (AN) mg KOH/g ASTM D8045 0.06 0.14 0.69 1.021							
				13		128	158
Visc @ 40°C cSt ASTM D445 47 45.4 46.5 46.9	. ,						
	Visc @ 40°C	cSt	ASTM D445	47	45.4	46.5	46.9



MARIETTA, OH Lab Number : 06161369 Tested : 29 Apr 2024 Unique Number : 10996792 : 30 Apr 2024 - Don Baldridge 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. F: (740)373-5570 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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