



JOHN DEERE 850K 1T0850KXTEE256742

Right Outer Final Drive

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

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

WEAR

Gear wear is indicated.

CONTAMINATION

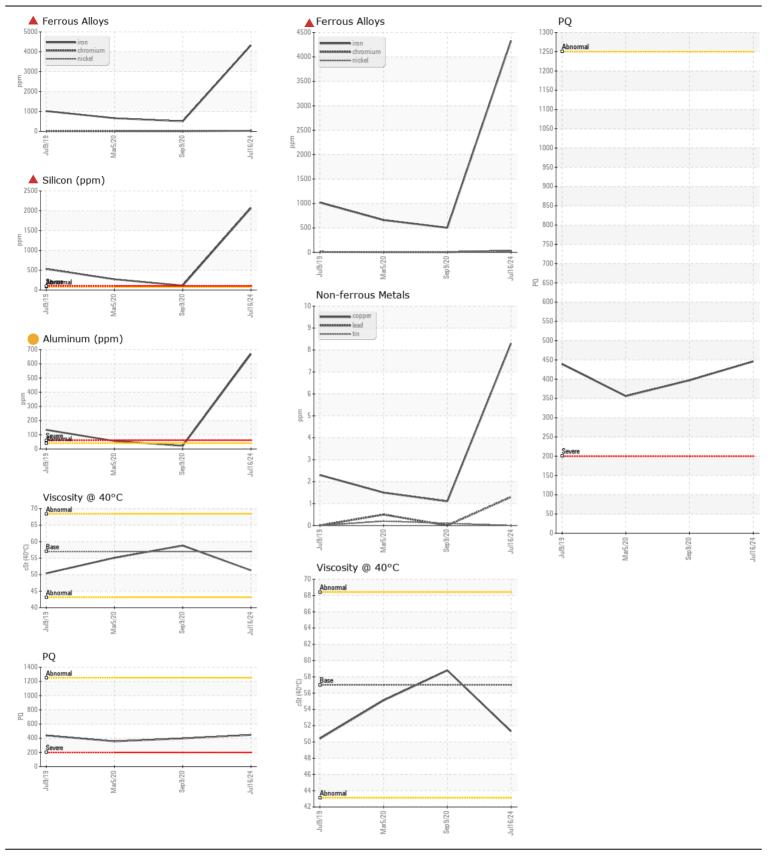
Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress.

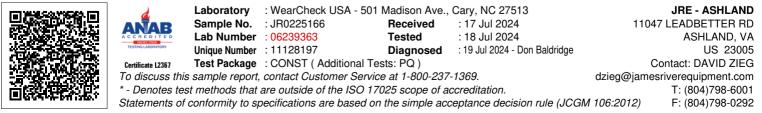
FLUID CONDITION

The oil is no longer serviceable due to the presence of contaminants.

Sample DateClient InfoI6 Jul 202409 Sep 202005 Mar 2020Machine AgehrsClient InfoI105766196044Oil AgehrsClient InfoO5000Filter AgehrsClient InfoCChangedNot ChangedOil ChangedClient InfoIN/ANACN/ASample StatusClient InfoIN/AN/AN/ASample Status					\frown		
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Boron ppm ASTM D5185m 6 11 14 3 Barium ppm ASTM D5185m 0 4 0 0 Molybdenum ppm ASTM D5185m 0 9 5 0 Manganese ppm ASTM D5185m 145 41 4 5 Magnesium ppm ASTM D5185m 145 184 115 100 Calcium ppm ASTM D5185m 3570 3481 3325 3403 Phosphorus ppm ASTM D5185m 1290 918 992 958 Zinc ppm ASTM D5185m 1640 1152 1230 1084 Sulfur ppm ASTM D5185m 1640 3496 3135 2629	Sodium	ppm	ASTM D5185m	>51	59	4	4
Barium ppm ASTM D5185m 0 4 0 0 Molybdenum ppm ASTM D5185m 0 9 5 0 Manganese ppm ASTM D5185m 0 41 4 5 Magnesium ppm ASTM D5185m 145 184 115 100 Calcium ppm ASTM D5185m 3570 3481 3325 3403 Phosphorus ppm ASTM D5185m 1290 918 992 958 Zinc ppm ASTM D5185m 1640 1152 1230 1084 Sulfur ppm ASTM D5185m 1640 3182 2303 2629	Boron		ASTM D5185m	6	11	14	3
Manganese ppm ASTM D5185m 41 4 5 Magnesium ppm ASTM D5185m 145 184 115 100 Calcium ppm ASTM D5185m 3570 3481 3325 3403 Phosphorus ppm ASTM D5185m 1290 918 992 958 Zinc ppm ASTM D5185m 1640 1152 1230 1084 Sulfur ppm ASTM D5185m 1640 3496 3135 2629	Barium		ASTM D5185m	0	4	0	0
Magnesium ppm ASTM D5185m 145 184 115 100 Calcium ppm ASTM D5185m 3570 3481 3325 3403 Phosphorus ppm ASTM D5185m 1290 918 992 958 Zinc ppm ASTM D5185m 1640 1152 1230 1084 Sulfur ppm ASTM D5185m 640 3496 3135 2629	Molybdenum	ppm	ASTM D5185m	0	9	5	0
Magnesium ppm ASTM D5185m 145 184 115 100 Calcium ppm ASTM D5185m 3570 3481 3325 3403 Phosphorus ppm ASTM D5185m 1290 918 992 958 Zinc ppm ASTM D5185m 1640 1152 1230 1084 Sulfur ppm ASTM D5185m 640 3496 3135 2629	Manganese				41	4	5
Calcium ppm ASTM D5185m 3570 3481 3325 3403 Phosphorus ppm ASTM D5185m 1290 918 992 958 Zinc ppm ASTM D5185m 1640 1152 1230 1084 Sulfur ppm ASTM D5185m 640 3496 3135 2629	Magnesium	ppm	ASTM D5185m	145	184	115	100
Phosphorus ppm ASTM D5185m 1290 918 992 958 Zinc ppm ASTM D5185m 1640 1152 1230 1084 Sulfur ppm ASTM D5185m 640 3496 3135 2629	Calcium		ASTM D5185m	3570	3481	3325	3403
Zinc ppm ASTM D5185m 1640 1152 1230 1084 Sulfur ppm ASTM D5185m 640 3496 3135 2629	Phosphorus		ASTM D5185m	1290	918	992	958
Sulfur ppm ASTM D5185m 3496 3135 2629			ASTM D5185m				1084
	Sulfur		ASTM D5185m		3496	3135	2629
VISC @ 40 C CSL ASTRID443 37.0 (31.3) 30.8 33.1	Visc @ 40°C	cSt	ASTM D445	57.0	51.3	58.8	55.1

Contact/Location: DAVID ZIEG - JAMASH





Contact/Location: DAVID ZIEG - JAMASH Page 2 of 2