

Client: 3557210
COMBINE WORLD
Box 357
Allan, SK S0K0C0
ATTN: Charles E. Smith

Unit #: JD1145
Unit Location:
Component: ENGINE
Location: REAR
Serial #: H098705730292
Make: JOHN DEERE
Model: 9870 STS (6135HH001A,B
OAS #: RG6135L006647




AGAT

Laboratories

Equipment Reliability and Lubricants Testing Services

3650 21st Street N.E., Calgary, AB, T2E6V6

Phone:(403)299-2000 Fax:(403)299-2105



Date analyzed: 11/08/22
Work order: 22C180703
Oil brand & grade: UNKNOWN
Client Ref #:

LEGEND - LC -Lower Critical LR -Lower Reportable UR -Upper Reportable UC -Upper Critical * Ital -Custom Limit

UNIT DATA					SPECTROGRAPHIC ANALYSIS (PPM)																			
Sample#	Date Sampled	Component Service	Oil Service	Oil Changed	Al Aluminum	Cr Chromium	Cu Copper	Fe Iron	Sn Tin	Pb Lead	Si Silicon	Mo Molybdenum	Ni Nickel	Ag Silver	K Potassium	Na Sodium	B Boron	Ba Barium	Ca Calcium	Mg Magnesium	Mn Manganese	P Phosphorus	Zn Zinc	
New Oil					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B526339	07/11/22	3081 hrs		N	2	1	6	51 UR	1	7	7	95	0	0	0	4	35	0	2140	10	1	1100	1180	
PHYSICAL PROPERTIES									ISO CLEANLINESS					OIL DEGRADATION										
Sample#	Glycol	H2O	% Fuel	Viscosity 40°C	Viscosity 100°C	% Solids	KF	°C Flash Point	Micron size				% SOOT	OXD	NOX	abs/cm-1		ZDDP	TAN	TBN	Min. RPVOT			
New Oil																								
B526339	N	N		80.3	12.0								5.9											
WEAR CONTROL CHART									COMMENTS															
Sample#	0	40	80	120	160	200	Comments:																	
B526339						163	REFER TO REVERSE FOR QUALITY CONTROL REPORT, EXPLANATION OF VARIANCE AND POSSIBLE CAUSES.																	
							Should you wish to provide feedback to AGAT Laboratories, please access our Customer review form at www.agatlabs.com/review.htm . This input is extremely important to us because your well being and satisfaction is our number one priority.																	

Client: **3557210**

COMBINE WORLD

Box 357

Allan, SK S0K0C0

ATTN: Charles E. Smith

Unit No.: **JD1145**

Unit Location:

Component: **ENGINE**

Location: **REAR**

Serial No.: **H098705730292**

Make: **JOHN DEERE**

Model: **9870 STS (6135HH001A,B**

OAS No.: **RG6135L006647**



Date analyzed: **11/08/22**

Work order: **22C180703**

Oil brand & grade: **UNKNOWN**

Client Ref #:

Flagged Result

Fe - Iron

Possible Causes

Iron is the base element in steel and is therefore present in many lubricated components (liners, piston rings, pistons, rockers arms, cylinders, shafts, gears, valve bridges, oil pump rolling element bearings, housings and cases). Iron is also present in rust and may indicate water contamination.

Significance of Result / Recommended Action

Higher than expected iron levels may indicate wear or contamination. Identify and evaluate the source. Check for signs of rust, scale and corrosion. Consider filtering or changing the oil.

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Component: ENGINE
Location: REAR
Serial #: H098705730292
Make: JOHN DEERE
Model: 9870 STS (6135HH001A,B)

Oil brand & grade: UNKNOWN
Sample #: C-983718
Date Sampled: 11/08/22
Date Analyzed: 11/08/22
Work order: 22C180703
Client Ref #:

Sample Score:

Your Sample Score: 2

Rankings: 0-3 Normal, 4-6 Reportable, 7-10 Critical

Normal

Reportable

Critical

Trend Graphs

