

WEAR **SEVERE** CONTAMINATION **ABNORMAL** FLUID CONDITION NORMAL



ATLAS COPCO DM30 1E-7912

Center Splitter Box

JOHN DEERE GL-5 80W90 (2 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. (Customer Sample Comment: W68304)

WEAR

Gear wear is indicated.

CONTAMINATION

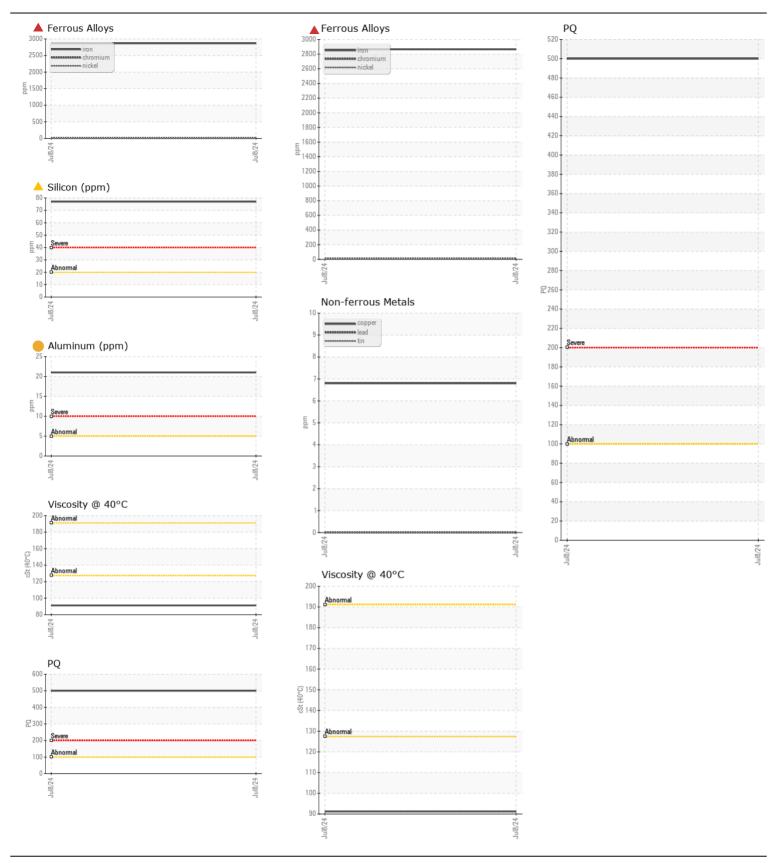
Elemental levels of silicon (Si) and aluminum (AI) indicate aluminasilicate (coarse dirt) ingress.

UID CONDITION

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Test UOM Method Limit/An Current History1 History2 Sample Number Client Info 08 Jul 2024 Machine Age hrs Client Info 23561 Oil Age hrs Client Info 23561 Oil Changed Client Info Changed Filter Age hrs Client Info N/A Filter Changed Client Info N/A Sample Status - SEVERE Iron ppm ASTM DB185m >325 A 111 Nickel ppm ASTM DB185m >5 A 111 Nickel ppm ASTM DB185m >5 A 11 Aluminum ppm ASTM DB185m >10 Aluminum ppm ASTM DB185m </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
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	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	3 NEG NONE NONE NORML NORML NEG 8 14 0 4 31 11 488 361 159		

Submitted By: Mike Young - CHARLOTTE SHOP



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **JRE - CHARLOTTE** Sample No. : JR0219673 9550 STATESVILLE ROAD Received : 10 Jul 2024 ĥ : 06232480 Lab Number Tested : 11 Jul 2024 CHARLOTTE, NC : 12 Jul 2024 - Sean Felton Unique Number : 11115973 Diagnosed US 28269 Test Package : CONST (Additional Tests: PQ) Contact: CHARLOTTE SHOP Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. myoung@jamesriverequipment.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (704)597-0211 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (704)596-6198

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