WEAR CONTAMINATION **FLUID CONDITION**

NORMAL NORMAL NORMAL

Machine Id

JOHN DEERE 724P 19258

Transmission (Manual)

{not provided} (GAL)							
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.	Sample Number		Client Info		JR0223117		
	Sample Date		Client Info		20 Jun 2024		
	Machine Age	hrs	Client Info		1370		
	Oil Age	hrs	Client Info		0		
	Filter Age	hrs	Client Info		0		
	Oil Changed		Client Info		N/A		
	Filter Changed		Client Info		N/A		
	Sample Status				NORMAL		
WEAR	PQ		ASTM D8184	>95	23		
All component wear rates are normal.	Iron	ppm	ASTM D5185m	>200	25		
	Chromium	ppm	ASTM D5185m	>5	0		
	Nickel	ppm	ASTM D5185m	>5	0		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m	>7	0		
	Aluminum	ppm	ASTM D5185m		<1		
	Lead	ppm	ASTM D5185m		0		
	Copper	ppm	ASTM D5185m		4		
	Tin	ppm	ASTM D5185m	>10	0		
	Vanadium	ppm	ASTM D5185m	NONE	0 NONE		
	White Metal Yellow Metal	scalar	*Visual	NONE	NONE		
<u></u>		scalar	*Visual	INOINE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>125	27		
There is no indication of any contamination in the fluid.	Potassium	ppm	ASTM D5185m	>20	0		
	Water		WC Method	>0.1	NEG		
	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor Emulsified Water	scalar	*Visual *Visual	NORML >0.1	NORML NEG		
	Emulsified Water		visuai	>0.1	NEG		
FLUID CONDITION	Sodium	ppm	ASTM D5185m		32		
The condition of the fluid is acceptable for the time in service.	Boron	ppm	ASTM D5185m		1		
	Barium	ppm	ASTM D5185m		<1		
	Molybdenum	ppm	ASTM D5185m		<1		
	Manganese	ppm	ASTM D5185m		<1		
	Magnesium	ppm	ASTM D5185m		84		
	Calcium	ppm	ASTM D5185m		3137		
	Phosphorus	ppm	ASTM D5185m		991		
	Zinc Sulfur	ppm	ASTM D5185m ASTM D5185m		1150 3801		
	Visc @ 40°C	ppm cSt	ASTM D3163III		178		
Report Id: JAMASH [WUSCAR] 06215963 (Generated: 06/23/2024 11:33:18) Rev: 1	VISC @ 40 C	USI	ASTIVI D443	Conta	ct/Location:		





Certificate L2367

Laboratory Sample No.

: JR0223117 Lab Number : 06215963 Unique Number : 11088827

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

Diagnosed Test Package : CONST (Additional Tests: PQ)

: 22 Jun 2024 : 23 Jun 2024 - Don Baldridge

: 20 Jun 2024

JRE - ASHLAND 11047 LEADBETTER RD ASHLAND, VA US 23005

Contact: DAVID ZIEG dzieg@jamesriverequipment.com T: (804)798-6001

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (804)798-0292 Contact/Location: DAVID ZIEG - JAMASH