

JOHN DEERE 744P 1DW744PLXFLL065872

Component Transmission (Manual)

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

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		JR0200661		
	Sample Date		Client Info		07 Feb 2024		
	Machine Age	hrs	Client Info		1200		
	Oil Age	hrs	Client Info		4		
	Filter Age	hrs	Client Info		4		
	Oil Changed		Client Info		Changed		
	Filter Changed		Client Info		N/A		
	Sample Status				NORMAL		
				05			
WEAR	PQ		ASTM D8184		23		
	Iron	ppm	ASTM D5185m		11		
	Chromium	ppm	ASTM D5185m		0		
	Nickel	ppm	ASTM D5185m	>5	0		
	Titanium	ppm	ASTM D5185m	7	0		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m		0		
	Lead	ppm	ASTM D5185m		0		
	Copper	ppm	ASTM D5185m		1		
	Tin	ppm	ASTM D5185m	>10	0		
	Vanadium	ppm	ASTM D5185m				
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>125	4		
	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	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.1	NEG		
FLUID CONDITION	Sodium		ASTM D5185m		40		
FLOID CONDITION		ppm	ASTM D5185m	C	43		
	Boron Barium	ppm	ASTM D5185m		0		
	Molybdenum	ppm	ASTM D5185m		<1 0		
		ppm	ASTM D5185m	0			
	Manganese Magnesium	ppm	ASTM D5185m	1/5	<1 91		
	Calcium	ppm	ASTM D5185m ASTM D5185m		91 3190		
	Phosphorus	ppm			1013		
	Zinc	ppm	ASTM D5185m		1304		
	Sulfur	ppm	ASTM D5185m ASTM D5185m	1040			
	Sullul	ppm	NO TIVI DO TOOTI		3531		

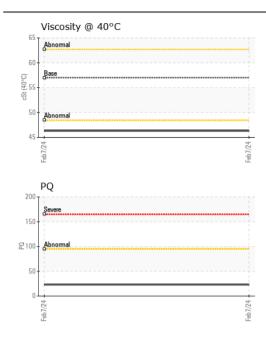
Visc @ 40°C

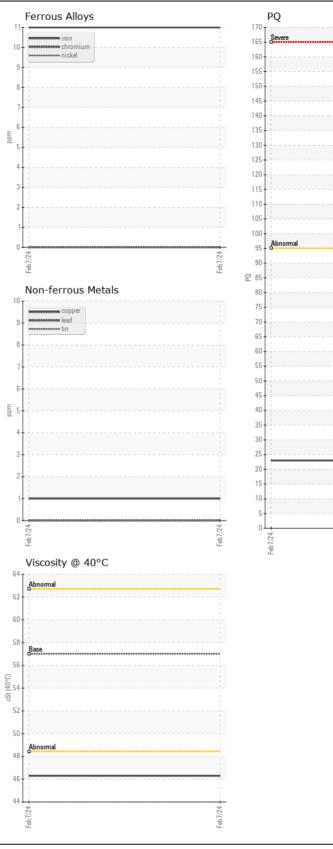
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Contact/Location: TIM ELSWORTH - JAMMOUJR

46.3

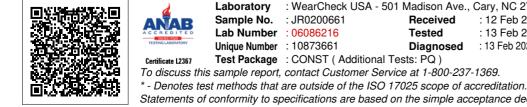
ASTM D445 57.0





Tested

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 **JRE - MOUNT GILEAD** Received : 12 Feb 2024 305 NORTH MAIN STREET : 13 Feb 2024 MOUNT GILEAD, NC Diagnosed : 13 Feb 2024 - Sean Felton US 27306 Contact: TIM ELSWORTH telsworth@jamesriverequipment.com T: (910)439-5653 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (910)439-4568



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