

OIL ANALYSIS REPORT

Sample Rating Trend





Area [METHENY CONTRACTING] JOHN DEERE 650K 1T0650KXHEE268473 Component Left Final Drive

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

IAGNOSIS	SAMPLE INFORM	IATION	method	limit/base	current	history1	history
Recommendation	Sample Number		Client Info		JR0179765		
oil change at the time of sampling has been	Sample Date		Client Info		13 May 2024		
ed. Resample at the next service interval to	Machine Age	hrs	Client Info		8871		
nitor.	Oil Age	hrs	Client Info		1000		
ar	Oil Changed		Client Info		Changed		
component wear rates are normal.	Sample Status				ATTENTION		
tamination re is no indication of any contamination in the	CONTAMINATION	٧	method	limit/base	current	history1	history
	Water		WC Method	>0.075	NEG		
Fluid Condition The oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different orand, or type of oil. Confirm oil type.	WEAR METALS		method	limit/base	current	history1	history
	PQ		ASTM D8184	>1250	72		
	Iron	ppm	ASTM D5185m	>750	134		
	Chromium	ppm	ASTM D5185m		2		
	Nickel	ppm	ASTM D5185m		0		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m	>40	4		
	Lead	ppm	ASTM D5185m		0		
	Copper	ppm	ASTM D5185m		0		
	Tin	ppm	ASTM D5185m		0		
	Vanadium	ppm	ASTM D5185m		0		
	Cadmium	ppm	ASTM D5185m		0		
	ADDITIVES		method	limit/base	current	history1	history
	Boron	ppm	ASTM D5185m		112		
	Barium	ppm	ASTM D5185m	0	0		
	Molybdenum	ppm	ASTM D5185m		4		
	Manganese	ppm	ASTM D5185m	-	3		
	Magnesium	ppm	ASTM D5185m	145	1 0		
	Calcium	ppm	ASTM D5185m	3570	79		
	Phosphorus	ppm	ASTM D5185m	1290	1042		
	Zinc	ppm	ASTM D5185m	1640	7 7		
	Sulfur	ppm	ASTM D5185m	1010	30393		
	CONTAMINANTS		method	limit/base	current	history1	history
	Silicon	ppm	ASTM D5185m	>75	32		
	Sodium	ppm	ASTM D5185m		1		
	Potassium	ppm	ASTM D5185m		0		
	VISUAL		method	limit/base	current	history1	history
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
	Precipitate	scalar	*Visual	NONE	NONE		
	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	LIGHT		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		

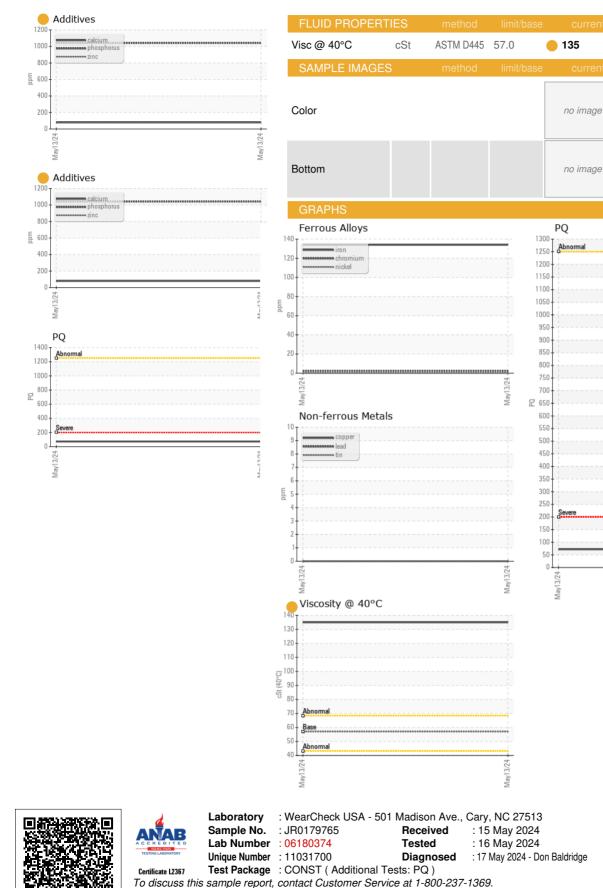
scalar *Visual

Fluid

NEG



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* - 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)

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Contact/Location: DAVID ZIEG - JAMASH

May13/24

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