

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

JOHN DEERE 670P 000037

Diesel Engine

Fluid JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

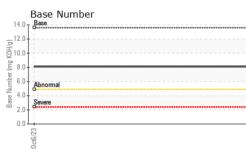
Fluid Condition

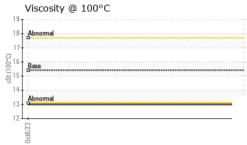
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

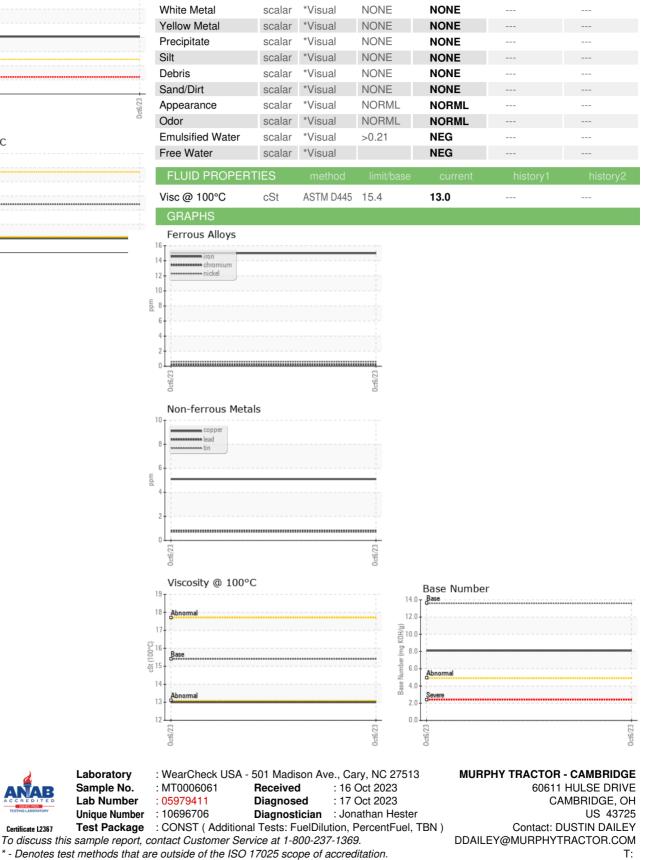
Sample Number Client Info MT0006061 Sample Date Client Info 06 Oct 2023 Machine Age hrs Client Info 224 Oil Age hrs Client Info 0 Oil Changed Client Info Not Changd Sample Status Imit/base current history1 history2 Glycol WC Method NEG VEAR METALS method Imit/base current history1 history2 Iron ppm ASTM D5165m >51 15 Nickel ppm ASTM D5165m >5 <1 Silver ppm ASTM D5165m >3 0 Copper ppm ASTM D5165m >26 5 Cadmium pm ASTM D5165m 21 <th>SAMPLE INFORM</th> <th>1ATION</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
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Potassium ppm ASTM D5185m >20 2 Fuel % ASTM D3524 >2.1 <1.0					-		
Fuel % ASTM D3524 >2.1 <1.0					•		
INFRA-RED method limit/base current history1 history2							
		%	ASTM D3524		<1.0		
	INFRA-RED		method	limit/base	current	history1	history2
	Soot %	%	*ASTM D7844	>3	0.1		
Nitration Abs/cm *ASTM D7624 >20 6.0		Abs/cm		>20	6.0		
Sulfation Abs/.1mm *ASTM D7415 >30 14.2	Sulfation	Abs/.1mm	*ASTM D7415	>30	14.2		
FLUID DEGRADATION method limit/base current history1 history2	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation Abs/.1mm *ASTM D7414 >25 8.3	Oxidation	Abs/.1mm	*ASTM D7414	>25	8.3		
Base Number (BN) mg KOH/g ASTM D2896 13.6 8.1	Base Number (BN)	mg KOH/g	ASTM D2896	13.6	8.1		



OIL ANALYSIS REPORT







Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate L2367

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