

[AMES CONSTRUCTION] JOHN DEERE 460E 1DW460EBTMF710176

Diesel Engine

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

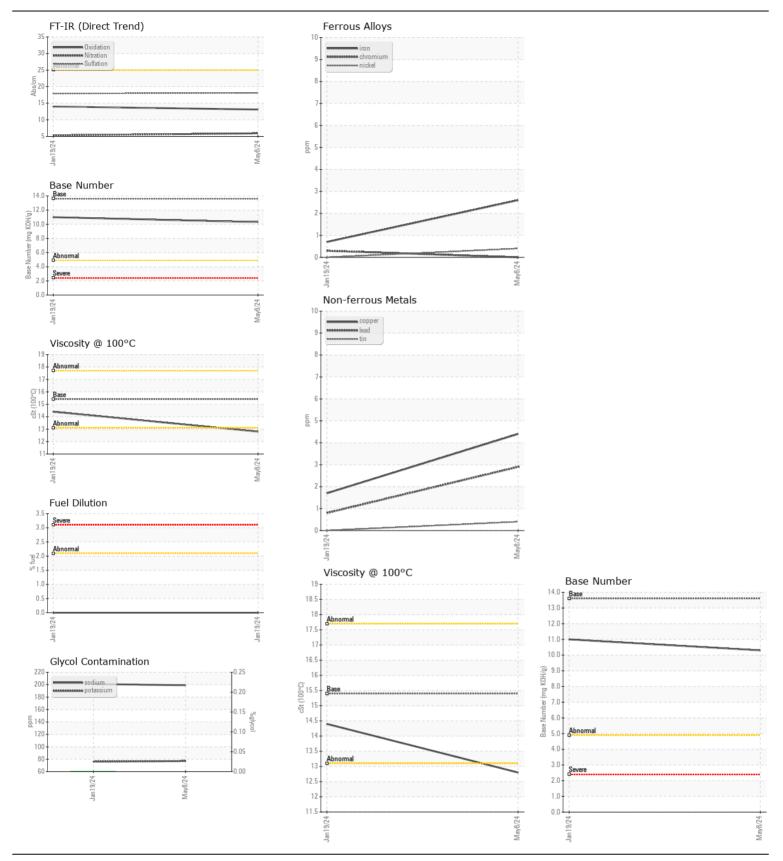
GAL)						
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0194745	JR0194311	
Sample Date		Client Info		08 May 2024	19 Jan 2024	
Machine Age	hrs	Client Info		0	6629	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Not Changd	Not Changd	
-		Client Info		-	Not Changd	
Sample Status				-		
Iron		ΔSTM D5185m	<u>51</u>	3	~1	
			>0			
			0			
			>4			
				-		
	scalar			-		
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>22	6	7	
Potassium	ppm	ASTM D5185m	>20	7 7	7 6	
Fuel	%	ASTM D3524	>2.1	<1.0	<1.0	
Water		WC Method	>0.21	NEG	NEG	
Glycol	%	*ASTM D2982		NEG	0.0	
Soot %	%	*ASTM D7844	>3	0.1	0.1	
Nitration	Abs/cm	*ASTM D7624	>20	5.9	5.3	
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.1	17.9	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris			NONE			
Sand/Dirt						
		*Visual				
	scalar	*Visual	>0.21	NEG	NEG	
Sodium		ΔSTM D5185m	<u>_</u> 21	100	201	
			201		-	
,						
0						
•						
			05			
Base Number (BN)	mg KUH/g	ASTIM D2896	13.6	10.3	11.0	
	TestSample NumberSample DateMachine AgeOil AgeFilter AgeOil ChangedFilter ChangedSample StatusIronChromiumNickelTitaniumSilverAluminumLeadCopperTinVanadiumWhite MetalYellow MetalFuelWaterGlycolSoot %NitrationSiltDebrisSand/DirtAppearanceOdorEmulsified WaterGolycolSodiumMagnesiumCalciumPhosphorusZincSulfurOxidation	TestUOMSample NumberSample DateMachine AgehrsOil AgehrsFilter AgehrsOil ChangedFilter ChangedFilter ChangedSample StatusIronppmChromiumppmNickelppmTitaniumppmSilverppmAluminumppmLeadppmTinppmVanadiumppmWhite MetalscalarYellow MetalscalarSoot %%NitrationAbs/.mmSiltscalarGlycol%Soot %%NitrationAbs/.mmSiltscalarCdorscalarSand/DirtscalarSodiumppmBoronppmBariumppmMagnesiumppmPhosphorusppmSulfationAbs/.mmSiltscalarSulfurppmSodiumppmPoronppmSulfurppmMagnesiumppmPhosphorusppmSulfurppmSulfurppmSulfurppmSulfurppmSulfurppmSulfurppmSulfurppmSulfurppmSulfationAbs/.1mm	TestUOMMethodSample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOil AgehrsClient InfoFilter 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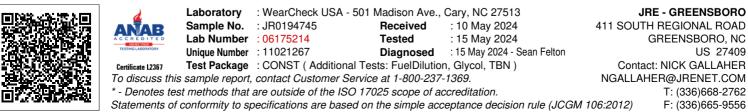
Visc @ 100°C cSt

ASTM D445 15.4

14.4

12.8





Contact/Location: NICK GALLAHER - JAMGRE Page 2 of 2