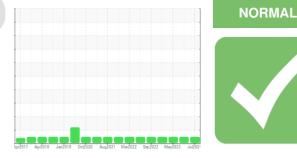


Area

OIL ANALYSIS REPORT



Sample Rating Trend





OKLAHOMA/102/EG - DOZER 35.101L [OKLAHOMA^102^EG - DOZER] Hydraulic System

Fluid MOBIL MOBILTRANS AST 30 (--- GAL)

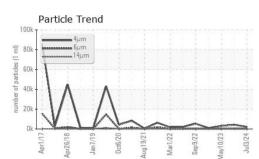
SAMPLE INFORM		method -	limit/base	current.	history1	history2
			mmbase		· · · · · ·	WC0746725
						10 May 2023
	bre					8356
0						4771
•	1115					4//1 N/A
•		Client Inio		•	Ũ	NORMAL
	N					history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	9	6	4
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Nickel	ppm	ASTM D5185m	>10	<1	1	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>10	6	6	4
Lead	ppm	ASTM D5185m	>10	<1	1	<1
Copper	ppm	ASTM D5185m	>75	2	1	2
Tin	ppm	ASTM D5185m	>10	<1	1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		23	17	15
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	0	1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		12	16	16
Calcium	ppm	ASTM D5185m		1941	2054	1951
Phosphorus	ppm	ASTM D5185m		692	735	705
Zinc	ppm	ASTM D5185m		870	956	884
Sulfur	ppm	ASTM D5185m		2841	3412	3870
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	18	14	9
						2
Potassium	ppm		>20	3	3	2
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		2201	4213	3058
		ASTM D7647	>2500	300	382	184
Particles >6µm			> 640	22	27	10
Particles >6µm Particles >14µm		ASTM D7647	>040			10
		ASTM D7647 ASTM D7647		5	6	2
Particles >14µm			>160			
Particles >14μm Particles >21μm		ASTM D7647 ASTM D7647	>160 >40	5 0	6	2
Particles >14μm Particles >21μm Particles >38μm		ASTM D7647	>160 >40 >10	5	6 0	2 0
Particles >14µm Particles >21µm Particles >38µm Particles >71µm	TION	ASTM D7647 ASTM D7647 ASTM D7647	>160 >40 >10	5 0 0	6 0 0	2 0 0
	Sample Number Sample Date Machine Age Oil Age Oil Changed Sample Status CONTAMINATION Water WEAR METALS Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium Cadmium Cadmium Cadmium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	Sample DateImageMachine AgehrsOil AgehrsOil ChangedSample StatusSample StatusImageCONTAMINATIONWaterImageWEAR METALSppmIronppmChromiumppmNickelppmTitaniumppmSilverppmAluminumppmLeadppmCopperppmTinppmCadmiumppmBoronppmBariumppmMolybdenumppmMagnesiumppmCalciumppmZincppmSulfurppmSiliconppmSiliconppmSiliconppmSodiumppmSodiumppmSodiumppmSodiumppm	Sample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOil AgehrsClient InfoOil ChangedClient InfoSample StatusImageCONTAMINATIONmethodWaterWC MethodWaterWC MethodIronppmASTM D5185mChromiumppmASTM D5185mNickelppmASTM D5185mSilverppmASTM D5185mAluminumppmASTM D5185mLeadppmASTM D5185mCopperppmASTM D5185mCadmiumppmASTM D5185mCadmiumppmASTM D5185mCadmiumppmASTM D5185mCadmiumppmASTM D5185mManganeseppmASTM D5185mMagnesiumppmASTM D5185mMagnesiumppmASTM D5185mColciumppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSodiumppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSodiumppmASTM D5185mSodiumppmASTM D5185mSodium </td <td>Sample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOll AgeOil AgehrsClient InfoSample StatusImit/baseCONTAMINATIONmethodMaterWC MethodWaterWC MethodVearWC MethodNickelppmASTM D5185m>20ChromiumppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mAluminumppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mAluminumppmASTM D5185mCadmiumppmASTM D5185mCadmiumppmASTM D5185mBoronppmASTM D5185mBariumppmASTM D5185mMaganeseppmASTM D5185mCalciumppmASTM D5185mPhosphorusppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM</td> <td>Sample NumberClient InfoWC0945503Sample DateClient Info03 Jul 2024Machine AgehrsClient Info9391Oil AgehrsClient Info3203Oil ChangedClient InfoChangedSample StatusNORMALCONTAMINATIONmethodlimit/basecurrentWaterWC Method>0.1NEGWeAR METALSmethodlimit/basecurrentIronppmASTM D5185m>10<1</td> NickelppmASTM D5185m>10<1	Sample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOll AgeOil AgehrsClient InfoSample StatusImit/baseCONTAMINATIONmethodMaterWC MethodWaterWC MethodVearWC MethodNickelppmASTM D5185m>20ChromiumppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mAluminumppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mSilverppmASTM D5185mAluminumppmASTM D5185mCadmiumppmASTM D5185mCadmiumppmASTM D5185mBoronppmASTM D5185mBariumppmASTM D5185mMaganeseppmASTM D5185mCalciumppmASTM D5185mPhosphorusppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM D5185mSulfurppmASTM	Sample NumberClient InfoWC0945503Sample DateClient Info03 Jul 2024Machine AgehrsClient Info9391Oil AgehrsClient Info3203Oil ChangedClient InfoChangedSample StatusNORMALCONTAMINATIONmethodlimit/basecurrentWaterWC Method>0.1NEGWeAR METALSmethodlimit/basecurrentIronppmASTM D5185m>10<1	Sample Number Client Info WC0945503 WC0857224 Sample Date Client Info 03 Jul 2024 17 Oct 2023 Machine Age hrs Client Info 9391 8898 Oil Age hrs Client Info 9203 5002 Oil Changed Client Info Changed Changed Changed Sample Status NORMAL NORMAL NORMAL Vexex WC Method >0.1 NEG NEG Water WC Method >0.1 NEG NEG Vexex METALS method limit/base current history1 Iron ppm ASTM D5185m >10 <1

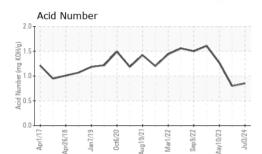
Report Id: SHEWIC [WUSCAR] 06235847 (Generated: 07/16/2024 14:51:21) Rev: 1

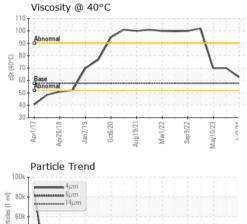
Submitted By: WAYNE HUBBARD Page 1 of 2

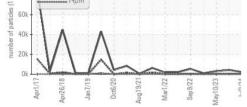


OIL ANALYSIS REPORT

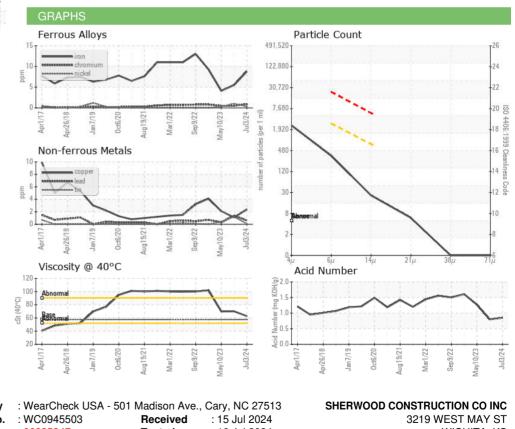








VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	57.6	62.7	70.0	69.8
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color						
Bottom						



Laboratory Sample No. Lab Number : 06235847 Tested : 16 Jul 2024 WICHITA, KS Unique Number : 11124681 Diagnosed : 16 Jul 2024 - Don Baldridge US 67213 Test Package : CONST Contact: DOUG KING Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. doug.king@sherwood.net T: (316)617-3161 * - 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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Submitted By: WAYNE HUBBARD

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