WEAR		WEA				RNORMAL	
CHELN		CONTAMINA			TION	NORM	AL
		F	FLUID CONDITION			NORMAL	
		-					
OKLAHOMA/3/EG - TRUCH Machine Id 69.03 [OKLAHOMA^3^EG 69.03 [OKLAHOMA^3^EG Diesel Engine Fluid MOBIL 15W40 ( GAL)						L]	
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		WC0914454	WC0874010	WC0874028
Resample at the next service interval to monitor.	Sample Date		Client Info		17 Apr 2024	31 Jan 2024	15 Dec 2023
	Machine Age	hrs	Client Info		1943	1448	1050
	Oil Age	hrs	Client Info		1448	1050	1050
	Filter Age	hrs	Client Info		1448	1050	1050
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	MARGINAL
WEAR	Iron	ppm	ASTM D5185m	<100	11	8	15
WEAN	Chromium	ppm	ASTM D5185m		<1	<1	<1
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		0	<1	0
	Titanium	ppm	ASTM D5185m		0	0	<1
	Silver	ppm	ASTM D5185m		0	0	0
	Aluminum	ppm	ASTM D5185m		2	2	3
	Lead	ppm	ASTM D5185m		0	<1	<1
	Copper	ppm	ASTM D5185m		1	2	8
	Tin	ppm	ASTM D5185m		0	<1	<1
	Vanadium	ppm	ASTM D5185m	210	0	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon Potassium	ppm ppm	ASTM D5185m ASTM D5185m		4	6 <1	13
There is no indication of any contamination in the oil.	Fuel	%	ASTM D3524		<1.0	<1.0	2.6
	Water	/0	WC Method		NEG	NEG	NEG
	Glycol		WC Method	- 0.L	NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.2	0.2	0.2
	Nitration	Abs/cm	*ASTM D7624		6.6	6.4	6.7
	Sulfation	Abs/.1mm	*ASTM D7415		21.4	21.5	21.8
	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	>0.2	NEG	NEG	NEG
FLUID CONDITION	Sodium		ASTM D5185m	<u>\118</u>	3	4	0
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Boron	ppm ppm	ASTM D5185m	2110	49	49	50
	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m		42	36	41
	Manganese	ppm	ASTM D5185m		42 0	<1	<1
	Magnesium	ppm	ASTM D5185m		537	467	500
	Caloium	ppm	ASTM D5185m		1947	1520	1649

Calcium

Zinc

Sulfur

Oxidation

Visc @ 100°C cSt

Phosphorus

ppm

ppm

Base Number (BN) mg KOH/g ASTM D2896

ASTM D5185m

ASTM D5185m

Abs/.1mm \*ASTM D7414 >25

ASTM D445

ppm ASTM D5185m

ppm ASTM D5185m

1539

711

839

2315

19.6

10.1

12.0

1648

910

20.0

9.9

11.9

731

2708

1847

801

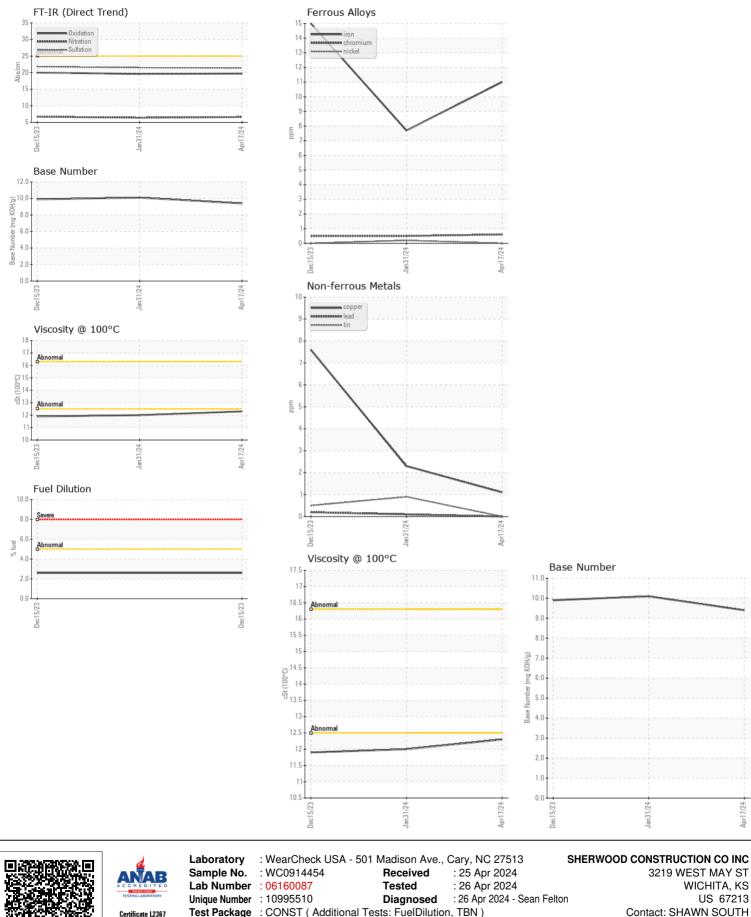
959

3209

19.7

9.4

12.3



 Certificate 12367
 Test Package
 : CONST (Additional Tests: FuelDilution, TBN)
 Constraints

 To discuss this sample report, contact Customer Service at 1-800-237-1369.
 shaw

 \* - 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)

Submitted By: GARRETT ADAMS Page 2 of 2

shawn.south@sherwood.net

T: x:

F: x: