

# **OIL ANALYSIS REPORT**

Sample Rating Trend



## Area MIDLAND Machine Id WESTERN STAR 123 Component

Diesel Engine Fluid CHEVRON 15W40 (--- GAL)

#### DIAGNOSIS

## Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable.

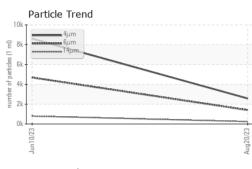
# **Fluid Condition**

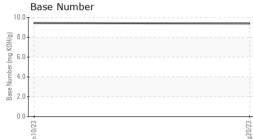
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

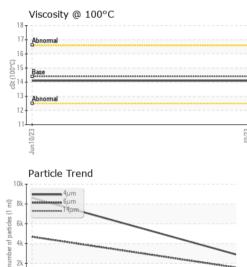
SAMPLE INFORMATION         method         imit/base         current         history1         history2           Sample Number         Client Info         20 Aug 2023         10 Jun 2023            Sample Date         Client Info         20 Aug 2023         10 Jun 2023            Machine Age         mits         Client Info         0         0            Oil Age         mits         Client Info         N/A         N/A            CONTAMINATION         method         imit/base         current         history1         history2           Fuel         WC Method         >5         <1.0             CONTAMINATION         method         imit/base         current         history1         history2           Fuel         WC Method         >5         <1.0             WEAR METALS         method         imit/base         current         history1         history2           Iron         ppm         ASTM 05185m         >100         9         8            COntromium         ppm         ASTM 05185m         >20         <1         0            Intatium							
Sample Date         Cilient Info         20 Aug 2023         10 Jun 2023            Machine Age         mils         Cilient Info         249004         19605            Oil Age         mils         Cilient Info         0         0            Oil Changed         Cilient Info         N/A         N/A            Sample Status         Imit/base         current         History1         History2           Fuel         WC Method         >5         <1.0         <1.0            Glycol         Imit/base         current         history1         history2           Fuel         WC Method         >5         <1.0         <1.0            WEAR METALS         method         imit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >100         9         8            Itanium         ppm         ASTM D5185m         >20         <1         0            Itanium         ppm         ASTM D5185m         >20         2         <1            Itanium         ppm         ASTM D5185m         >30         0	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age         mls         Client Info         249004         19605            Oil Age         mls         Client Info         0         0            Oil Changed         Client Info         N/A         N/A            Sample Status         Imit/base         NORMAL         ATTENTION            CONTAMINATION         method         Imit/base         current         history1         history2           Golycol         WC Method         >5         <1.0         <1.0            Glycol         WC Method         >5         <1.0         <1.0            WEAR METALS         method         Imit/base         current         history1         history2           Iron         ppm         ASTM D5185m<>20         <1         0            Nickel         ppm         ASTM D5185m<>3         0         0            Aluminum         ppm         ASTM D5185m<>40         <1         0            Silver         ppm         ASTM D5185m<>30         <1         -1            Copper         ppm         ASTM D5185m         395         3911	Sample Number		Client Info		KL0012205	KL0012445	
Oil Age         mis         Client Info         0         0            Oil Changed         Client Info         N/A         N/A            Sample Status         Imathematical Control         NORMAL         ATTENTION            CONTAMINATION         method         Imit/base         current         history1         history2           Fuel         WC Method         >5         <1.0         <1.0            WEAR METALS         method         Imit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >100         9         8            Nickel         ppm         ASTM D5185m         >20         <1         0            Nickel         ppm         ASTM D5185m         >20         2         <1            Silver         ppm         ASTM D5185m         >20         2         <1            Cadmium         ppm         ASTM D5185m         >30         0             Copper         ppm         ASTM D5185m         >30         <1         -1            Cadmium	Sample Date		Client Info		20 Aug 2023	10 Jun 2023	
Oil Changed Sample Status         Client Info         N/A         N/A         ATTENTION	Machine Age	mls	Client Info		249004	19605	
Sample Status         NORMAL         ATTENTION            CONTAMINATION         method         limit/base         current         history1         history2           Fuel         WC Method         >5         <1.0         <1.0            Glycol         WC Method         >5         <1.0         <1.0            WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >100         9         8            Nickel         ppm         ASTM D5185m         >20         <1         0            Nickel         ppm         ASTM D5185m         >20         2         <1            Aluminum         ppm         ASTM D5185m         >20         2         <1            Lead         ppm         ASTM D5185m         >20         2         <1            Vanadium         ppm         ASTM D5185m         >15         0             Cadmium         ppm         ASTM D5185m         0         0             Standbidenum <th>Oil Age</th> <th>mls</th> <th>Client Info</th> <th></th> <th>0</th> <th>0</th> <th></th>	Oil Age	mls	Client Info		0	0	
CONTAMINATION         method         limit/base         current         history1         history2           Fuel         WC Method         >5         <1.0         <1.0            Glycol         WC Method         NEG         NEG            WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >100         9         8            Chromium         ppm         ASTM D5185m         >20         <1         0            Nickel         ppm         ASTM D5185m         >20         2         <1            Silver         ppm         ASTM D5185m         >20         2         <1            Lead         ppm         ASTM D5185m         >20         2         <1            Copper         ppm         ASTM D5185m         >330         <1         <1            Cadmium         ppm         ASTM D5185m         0         0             ADDITIVES         method         limit/base         current         history1         history2 <th>Oil Changed</th> <th></th> <th>Client Info</th> <th></th> <th>N/A</th> <th>N/A</th> <th></th>	Oil Changed		Client Info		N/A	N/A	
Fuel         WC Method         >5         <1.0	Sample Status				NORMAL	ATTENTION	
Glycol         WC Method         NEG         NEG            WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >100         9         8            Ohromium         ppm         ASTM D5185m         >20         <1         0            Nickel         ppm         ASTM D5185m         >20         <1         0            Titanium         ppm         ASTM D5185m         >20         2         <1            Silver         ppm         ASTM D5185m         >20         2         <1            Lead         ppm         ASTM D5185m         >20         2         <1            Copper         ppm         ASTM D5185m         >40         <1         0            Vanadium         ppm         ASTM D5185m         >15         0         0            Cadmium         ppm         ASTM D5185m         0         0             Manganese         ppm         ASTM D5185m         92         87 </th <th>CONTAMINATION</th> <th>J</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	CONTAMINATION	J	method	limit/base	current	history1	history2
WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >100         9         8            Chromium         ppm         ASTM D5185m         >20         <1         0            Nickel         ppm         ASTM D5185m         >20         <1         0            Titanium         ppm         ASTM D5185m         >3         0         0            Silver         ppm         ASTM D5185m         >40         <1         0            Lead         ppm         ASTM D5185m         >20         2         <1            Copper         ppm         ASTM D5185m         >30         0         0            Vanadium         ppm         ASTM D5185m         >30         0         0            Vanadium         ppm         ASTM D5185m         0         0             Cadmium         ppm         ASTM D5185m         0         0             Boron         ppm         ASTM D5185m         395	Fuel		WC Method	>5	<1.0	<1.0	
Iron         ppm         ASTM D5185m         >100         9         8            Chromium         ppm         ASTM D5185m         >20         <1         0            Nickel         ppm         ASTM D5185m         >4         <1         0            Titanium         ppm         ASTM D5185m         >3         0         0            Silver         ppm         ASTM D5185m         >3         0         0            Aluminum         ppm         ASTM D5185m         >30         <1             Lead         ppm         ASTM D5185m         >30         <1             Copper         ppm         ASTM D5185m         >30         <1             Vanadium         ppm         ASTM D5185m         >0         0             Cadmium         ppm         ASTM D5185m         0         0             Boron         ppm         ASTM D5185m         0         0             Maganese         ppm         ASTM D5185m         92	Glycol		WC Method		NEG	NEG	
Chromium         ppm         ASTM D5185m         >20         <1	WEAR METALS		method	limit/base	current	history1	history2
Chromium         ppm         ASTM D5185m         >20         <1         0            Nickel         ppm         ASTM D5185m         >4         <1	Iron	ppm	ASTM D5185m	>100	9	8	
Titanium         ppm         ASTM D5185m         0         0            Silver         ppm         ASTM D5185m         >3         0         0            Aluminum         ppm         ASTM D5185m         >20         2         <1	Chromium		ASTM D5185m	>20	<1	0	
Silver         ppm         ASTM D5185m         >3         0         0            Aluminum         ppm         ASTM D5185m         >20         2         <1            Lead         ppm         ASTM D5185m         >40         <1         0            Copper         ppm         ASTM D5185m         >330         <1         <1            Tin         ppm         ASTM D5185m         >15         0         0            Vanadium         ppm         ASTM D5185m         >15         0         0            Cadmium         ppm         ASTM D5185m         0         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         395         391            Magnaese         ppm         ASTM D5185m         92         87            Magnesium         ppm         ASTM D5185m         406         436            Sulfur         ppm         ASTM D5185m         854         829	Nickel	ppm	ASTM D5185m	>4	<1	0	
Aluminum         ppm         ASTM D5185m         >20         2         <1            Lead         ppm         ASTM D5185m         >40         <1	Titanium	ppm	ASTM D5185m		0	0	
Lead         ppm         ASTM D5185m         >40         <1         0            Copper         ppm         ASTM D5185m         >330         <1	Silver	ppm	ASTM D5185m	>3	0	0	
Copper         ppm         ASTM D5185m         >330         <1         <1            Tin         ppm         ASTM D5185m         >15         0         0            Vanadium         ppm         ASTM D5185m         >15         0         0            Cadmium         ppm         ASTM D5185m         0         0            ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         395         391            Barium         ppm         ASTM D5185m         92         87            Maganese         ppm         ASTM D5185m         92         87            Magnesium         ppm         ASTM D5185m         92         87            Magnesium         ppm         ASTM D5185m         406         436            Calcium         ppm         ASTM D5185m         1432         1515            Sulfur         ppm         ASTM D5185m         25         1         6            Sulfur         ppm         ASTM D	Aluminum	ppm	ASTM D5185m	>20	2	<1	
Tin         ppm         ASTM D5185m         >15         0         0            Vanadium         ppm         ASTM D5185m         0         0            Cadmium         ppm         ASTM D5185m         0         0            ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         395         391            Barium         ppm         ASTM D5185m         0         0         0            Molybdenum         ppm         ASTM D5185m         92         87            Manganese         ppm         ASTM D5185m         92         87            Magnesium         ppm         ASTM D5185m         9406         436            Calcium         ppm         ASTM D5185m         854         829            Sulfur         ppm         ASTM D5185m         25         1         6            Sulfur         ppm         ASTM D5185m         >20         2         2            Sodium         ppm         ASTM D5185m<	Lead	ppm	ASTM D5185m	>40	<1	0	
Vanadium         ppm         ASTM D5185m         0         <1            Cadmium         ppm         ASTM D5185m         0         0            ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         395         391            Barium         ppm         ASTM D5185m         395         391            Molybdenum         ppm         ASTM D5185m         0         0         0            Manganese         ppm         ASTM D5185m         92         87            Magnesium         ppm         ASTM D5185m         406         436            Magnesium         ppm         ASTM D5185m         406         436            Calcium         ppm         ASTM D5185m         406         436            Sulfur         ppm         ASTM D5185m         1432         1515            Sulfur         ppm         ASTM D5185m         854         829            Sulfur         ppm         ASTM D5185m         20         1 </td <td>Copper</td> <td>ppm</td> <td>ASTM D5185m</td> <td>&gt;330</td> <th>&lt;1</th> <td>&lt;1</td> <td></td>	Copper	ppm	ASTM D5185m	>330	<1	<1	
Cadmium         ppm         ASTM D5185m         0         0            ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         395         391            Barium         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         92         87            Manganese         ppm         ASTM D5185m         92         87            Magnesium         ppm         ASTM D5185m         406         436            Calcium         ppm         ASTM D5185m         406         436            Magnesium         ppm         ASTM D5185m         406         436            Calcium         ppm         ASTM D5185m         854         829            Sulfur         ppm         ASTM D5185m         4661         4941            Sulfur         ppm         ASTM D5185m         >25         1         6            Sodium         ppm         ASTM D5185m         >20         2	Tin	ppm	ASTM D5185m	>15	0	0	
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m395391BariumppmASTM D5185m00MolybdenumppmASTM D5185m9287ManganeseppmASTM D5185m9287MagnesiumppmASTM D5185m406436CalciumppmASTM D5185m406436CalciumppmASTM D5185m14321515PhosphorusppmASTM D5185m854829ZincppmASTM D5185m46614941SulfurppmASTM D5185m46614941SulfurppmASTM D5185m>2516SodiumppmASTM D5185m>2022INFRA-REDmethodlimit/basecurrenthistory1history2Soot %%*ASTM D7844>30.10.1NitrationAbs/cm*ASTM D7624>204.85.0	Vanadium	ppm	ASTM D5185m		0	<1	
Boron         ppm         ASTM D5185m         395         391            Barium         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         92         87            Manganese         ppm         ASTM D5185m         92         87            Magnesium         ppm         ASTM D5185m         406         436            Calcium         ppm         ASTM D5185m         406         436            Calcium         ppm         ASTM D5185m         406         436            Phosphorus         ppm         ASTM D5185m         854         829            Zinc         ppm         ASTM D5185m         1050         1067            Sulfur         ppm         ASTM D5185m         >25         1         6            Solicon         ppm         ASTM D5185m         >25         1         6            Sodium         ppm         ASTM D5185m         >20         2         2            INFRA-RED         method         limit/base         c	Cadmium	ppm	ASTM D5185m		0	0	
Barium         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         92         87            Manganese         ppm         ASTM D5185m         92         87            Magnesium         ppm         ASTM D5185m         <1         <1            Magnesium         ppm         ASTM D5185m         406         436            Calcium         ppm         ASTM D5185m         406         436            Phosphorus         ppm         ASTM D5185m         1432         1515            Zinc         ppm         ASTM D5185m         854         829            Sulfur         ppm         ASTM D5185m         1050         1067            Sulfur         ppm         ASTM D5185m         >25         1         6            Sodium         ppm         ASTM D5185m         >20         2         2            Potassium         ppm         ASTM D5185m         >20         2         2            INFRA-RED         method         limit/base	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum         ppm         ASTM D5185m         92         87            Manganese         ppm         ASTM D5185m         <1         <1         <           Magnesium         ppm         ASTM D5185m         406         436            Calcium         ppm         ASTM D5185m         406         436            Calcium         ppm         ASTM D5185m         1432         1515            Phosphorus         ppm         ASTM D5185m         854         829            Zinc         ppm         ASTM D5185m         4661         4941            Sulfur         ppm         ASTM D5185m         >25         1         6            Solicon         ppm         ASTM D5185m         >25         1         6            Solium         ppm         ASTM D5185m         >50         0         <11            Potassium         ppm         ASTM D5185m         >20         2         2            INFRA-RED         method         limit/base         current         history1         history2           Soot %         %	Boron	ppm	ASTM D5185m		395	391	
Manganese         ppm         ASTM D5185m         <1         <1            Magnesium         ppm         ASTM D5185m         406         436            Calcium         ppm         ASTM D5185m         1432         1515            Calcium         ppm         ASTM D5185m         854         829            Zinc         ppm         ASTM D5185m         1050         1067            Sulfur         ppm         ASTM D5185m         4661         4941            Sulfur         ppm         ASTM D5185m         >25         1         6            Solicon         ppm         ASTM D5185m         >25         1         6            Sodium         ppm         ASTM D5185m         >20         2         2            INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.1         0.1            Nitration         Abs/cm         *ASTM D7624         >20         4.8         5.0	Barium	ppm	ASTM D5185m		0	0	
Magnesium         ppm         ASTM D5185m         406         436            Calcium         ppm         ASTM D5185m         1432         1515            Phosphorus         ppm         ASTM D5185m         854         829            Zinc         ppm         ASTM D5185m         1050         1067            Sulfur         ppm         ASTM D5185m         4661         4941            Sulfur         ppm         ASTM D5185m         >25         1         6            Solicon         ppm         ASTM D5185m         >25         1         6            Sodium         ppm         ASTM D5185m         >20         2         2            INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.1         0.1            Nitration         Abs/cm         *ASTM D7624         >20         4.8         5.0	Molybdenum	ppm	ASTM D5185m		92	87	
Calcium         ppm         ASTM D5185m         1432         1515            Phosphorus         ppm         ASTM D5185m         854         829            Zinc         ppm         ASTM D5185m         1050         1067            Sulfur         ppm         ASTM D5185m         4661         4941            CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         1         6            Sodium         ppm         ASTM D5185m         >20         2         2            Potassium         ppm         ASTM D5185m         >20         2         2            INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.1         0.1            Nitration         Abs/cm         *ASTM D7624         >20         4.8         5.0	Manganese	ppm	ASTM D5185m		<1	<1	
Phosphorus         ppm         ASTM D5185m         854         829            Zinc         ppm         ASTM D5185m         1050         1067            Sulfur         ppm         ASTM D5185m         4661         4941            CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         1         6            Sodium         ppm         ASTM D5185m         >20         2         2            Potassium         ppm         ASTM D5185m         >20         2         2            INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.1         0.1            Nitration         Abs/cm         *ASTM D7624         >20         4.8         5.0	Magnesium	ppm	ASTM D5185m		406	436	
Zinc         ppm         ASTM D5185m         1050         1067            Sulfur         ppm         ASTM D5185m         4661         4941            CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         1         6            Sodium         ppm         ASTM D5185m         >50         0         <1	Calcium	ppm	ASTM D5185m		1432	1515	
Sulfur         ppm         ASTM D5185m         4661         4941            CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         1         6            Sodium         ppm         ASTM D5185m         >50         0         <1            Potassium         ppm         ASTM D5185m         >20         2         2            INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.1         0.1            Nitration         Abs/cm         *ASTM D7624         >20         4.8         5.0	Phosphorus	ppm	ASTM D5185m		854	829	
CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >25         1         6            Sodium         ppm         ASTM D5185m         >50         0         <1	-	ppm	ASTM D5185m		1050		
Silicon         ppm         ASTM D5185m         >25         1         6            Sodium         ppm         ASTM D5185m         >50         0         <1            Potassium         ppm         ASTM D5185m         >20         2         2            INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.1         0.1            Nitration         Abs/cm         *ASTM D7624         >20         4.8         5.0	Sulfur	ppm	ASTM D5185m		4661	4941	
Sodium         ppm         ASTM D5185m         >50         0         <1	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium         ppm         ASTM D5185m         >20         2         2            INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.1         0.1            Nitration         Abs/cm         *ASTM D7624         >20         4.8         5.0	Silicon	ppm	ASTM D5185m	>25	1	6	
INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.1         0.1            Nitration         Abs/cm         *ASTM D7624         >20         4.8         5.0		ppm	ASTM D5185m	>50	0		
Soot %         %         *ASTM D7844         >3         0.1         0.1            Nitration         Abs/cm         *ASTM D7624         >20         4.8         5.0	Potassium	ppm	ASTM D5185m	>20	2	2	
Nitration Abs/cm *ASTM D7624 >20 4.8 5.0	INFRA-RED		method	limit/base	current	history1	history2
	Soot %	%	*ASTM D7844	>3	0.1	0.1	
Sulfation         Abs/.1mm         *ASTM D7415         >30         20.7         21.3	Nitration	Abs/cm	*ASTM D7624	>20	4.8	5.0	
	Sulfation	Abs/.1mm	*ASTM D7415	>30	20.7	21.3	



# **OIL ANALYSIS REPORT**







FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		2575	8604	
Particles >6µm		ASTM D7647	>5000	1403	4687	
Particles >14µm		ASTM D7647	>640	239	<b>A</b> 798	
Particles >21µm		ASTM D7647	>160	80	<b></b> 269	
Particles >38µm		ASTM D7647	>40	12	41	
Particles >71µm		ASTM D7647	>10	1	4	
Oil Cleanliness		ISO 4406 (c)	>19/16	18/15	▲ 19/17	
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	14.4	14.6	
Base Number (BN)	mg KOH/g	ASTM D2896		9.38	9.44	
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Precipitate	scalar	*Visual	NONE	NONE	NONE	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Free Water	scalar	*Visual		NEG	NEG	
FLUID PROPERT	TIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	14.4	14.1	14.1	
GRAPHS						
Ferrous Alloys			491,520	Particle Cour	ıt	т26
iron			122,880			-24
5 - nickel						
			30,720			-22
53			€ <sup>7,680</sup>		<b>*</b>	-20
Jun 10/23			Aug20/23 s (per 1 ml			-18
¬ Non-ferrous Metal	s		¥ <u>sa</u> ⊒⊒ 480		2	-16
0 T			to 120			
copper			- agu			-20 -18 -16 -14 -12
5 - tin			₹ 30			12
0			8	<b>Sievene</b> mal		10
Jun 10/23			Aug20/23 .	-		

KOH/g) 10.

(ma

Base <sup>1</sup> 0.0

Aug20/23 -

: 21 Aug 2023

: 22 Aug 2023

5. Number

Jun10/23

Base Number

n. Jun10/23

> Unique Number : 10615142 Diagnostician : Wes Davis Test Package : MOB 2 (Additional Tests: PrtCount) Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. \* - 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)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received

Diagnosed

Viscosity @ 100°C

Abno 16 ن

: KL0012205

: 05929871

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Laboratory

Sample No.

Lab Number

10

Contact/Location: ABEL SALAZAR - SALMID

21µ

SALAZAR TRUCKING CORP

Contact: ABEL SALAZAR

abel@salazarservice.com

4500 E TX 158

MIDLAND, TX

T: (432)699-3500

US 76706

F: