

# **OIL ANALYSIS REPORT**



Machine Id

## 291965

#### Component Diesel Engine Fluid DIESEL ENGINE OIL SAE 15W40 (--- GAL)

### DIAGNOSIS

#### A Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

#### Contamination

Light fuel dilution occurring. No other contaminants were detected in the oil.

### Fluid Condition

Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

Sample Date     IClient Info     02 Apr 2024     07 Oct 2023     15 Aug 2023       Machine Age     kms     Client Info     290302     640490     252324       Oil Age     kms     Client Info     0     0     0     0       Oil Changed     Client Info     Not Changd     ABNORMAL     ABNORMAL     NoT Changd     Not Changd       Sample Status     Imit/base     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG       Glycol     WC Method     >0.2     NEG     NEG     NEG       VEAR METALS     method     imit/base     current     history1     nistory2       Iron     ppm     ASTM05185(m)     >10     14     33     20       Aluminum     ppm     ASTM05185(m)     >20     0     <1     31       Aluminum     ppm     ASTM05185(m)     >30     0     <1     31       Aluminum     ppm     ASTM05185(m)     20     0     0     0	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Date     Client Info     02 Apr 2024     07 Oct 2023     15 Aug 2023       Machine Age     kms     Client Info     290302     640490     252324       Oil Age     kms     Client Info     0     0     0     0       Sample Status     Client Info     Not Changd     Not Changd     Not Changd     Not Changd     Nor	Sample Number		Client Info		WC0924160	WC0796583	WC0796456
Oil Age     kms     Client Info     0     0     0       Oil Changed     Client Info     Not Changd     ABNORMAL     Not Changd       Sample Status     imethod     limit/base     current     history1     history2       Water     WC Method     NEG     NEG     NEG       Glycol     WC Method     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM 05185(m)     >100     14     33     20       Chromium     ppm     ASTM 05185(m)     >20     0     <1     <1       Nickel     ppm     ASTM 05185(m)     >3     0     <1     <1       Silver     ppm     ASTM 05185(m)     >30     0     <1     <1       Aluminum     ppm     ASTM 05185(m)     >30     0     <1     <1       Aluminum     ppm     ASTM 05185(m)     >30     0     <1     <1       Aluminum     ppm	Sample Date		Client Info		02 Apr 2024	07 Oct 2023	15 Aug 2023
Oil Changed     Client Info     Not Changed ABNORMAL     Not Changed ASIN SINGES     Not Changed ASINGES     N	Machine Age	kms	Client Info		290302	640490	252324
Oil Changed Client Info Not Changed ABNORMAL Net Gand ABNORMAL Net Gand ABNO	Oil Age	kms	Client Info		0	0	0
Sample Status     Imath and the status     ABNORMAL     ABNORMAL     NORMAL     NORMAL       CONTAMINATION     method     limit/base     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG       Glycol     WC Method     >100     14     33     20       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185(m)     >100     14     33     20       Chromium     ppm     ASTM D5185(m)     >20     0     <1     <1       Nickel     ppm     ASTM D5185(m)     >3     0     <1     <1       Silver     ppm     ASTM D5185(m)     >20     5     8     6       Lead     ppm     ASTM D5185(m)     >30     1     3     2       Tin     ppm     ASTM D5185(m)     >0     0     0     0       Copper     ppm     ASTM D5185(m)     0     0     0     0	-		Client Info		Not Changd	Changed	Not Changd
CONTAMINATION     method     limit/base     current     history1     history2       Water     WC Method     >0.2     NEG     NEG     NEG     NEG       Glycol     WC Method     Imit/base     current     history1     history2       WEAR METALS     method     Imit/base     current     history1     history2       Iron     ppm     ASTM D5186(m)     >10     14     33     20       Chromium     ppm     ASTM D5186(m)     >20     0     <1     <1       Nickel     ppm     ASTM D5186(m)     >3     0     <1     <1       Aluminum     ppm     ASTM D5186(m)     >30     0     <1     <1       Aluminum     ppm     ASTM D5186(m)     >40     0     0     <1       Copper     ppm     ASTM D5186(m)     >30     1     3     2       Tin     ppm     ASTM D5186(m)     >30     0     0     0       Cadmium     ppm     ASTM D5186(m)     0     0<	-				-	ABNORMAL	
Glycol     WC Method     NEG     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185(m)     >100     14     33     20       Chromium     ppm     ASTM D5185(m)     >20     0     <1     <1       Nickel     ppm     ASTM D5185(m)     >4     0     <1     <1       Silver     ppm     ASTM D5185(m)     >3     0     <1     <1       Aduminum     ppm     ASTM D5185(m)     >20     5     8     6     <1       Copper     ppm     ASTM D5185(m)     >10     0     <1     <1       Antimony     ppm     ASTM D5185(m)     15     0     0     0     <0       Antimony     ppm     ASTM D5185(m)     10     0     0     0     <1       Antimony     ppm     ASTM D5185(m)     10     0     <1     1       Copper     ppm     ASTM D5185(m)<	·	N	method	limit/base	current	history1	history2
Glycol     WC Method     NEG     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185(m)     >100     14     33     20       Chromium     ppm     ASTM D5185(m)     >20     0     <1     <1       Nickel     ppm     ASTM D5185(m)     >4     0     <1     <1       Silver     ppm     ASTM D5185(m)     >3     0     <1     <1       Aduminum     ppm     ASTM D5185(m)     >20     5     8     6     <1       Copper     ppm     ASTM D5185(m)     >10     0     <1     <1       Antimony     ppm     ASTM D5185(m)     15     0     0     0     <1       Antimony     ppm     ASTM D5185(m)     10     0     0     0     <1       Antimony     ppm     ASTM D5185(m)     10     0     <1     1       Copper     ppm     ASTM D5185(m)<	Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185(m)     >100     14     33     20       Chromium     ppm     ASTM D5185(m)     >20     0     <1     <1       Nickel     ppm     ASTM D5185(m)     >4     0     <1     <1       Silver     ppm     ASTM D5185(m)     >3     0     <1     <1       Aluminum     ppm     ASTM D5185(m)     >20     5     8     6       Lead     ppm     ASTM D5185(m)     >20     5     0     <1       Copper     ppm     ASTM D5185(m)     >20     0     0     <1       Chadium     ppm     ASTM D5185(m)     >15     0     0     0       Vanadium     ppm     ASTM D5185(m)     0     0     0     0       Vanadium     ppm     ASTM D5185(m)     0     0     0     0       Cadmium     ppm     ASTM D5185(m)     10     0							
Iron     ppm     ASTM D5185(m)     >100     14     33     20       Chromium     ppm     ASTM D5185(m)     >20     0     <1     <1       Nickel     ppm     ASTM D5185(m)     >4     0     <1     <1       Silver     ppm     ASTM D5185(m)     >3     0     <1     <1       Aluminum     ppm     ASTM D5185(m)     >20     5     8     6       Lead     ppm     ASTM D5185(m)     >20     5     8     6       Lead     ppm     ASTM D5185(m)     >30     1     3     2       Copper     ppm     ASTM D5185(m)     >30     0     0     0       Vanadium     ppm     ASTM D5185(m)     0     0     0     0       Vanadium     ppm     ASTM D5185(m)     0     0     0     0       Cadmium     ppm     ASTM D5185(m)     10     1     <1     1       Magnesium     ppm     ASTM D5185(m)     10     1	-		method	limit/base			
Chromium     ppm     ASTM 05185(m)     >20     0     <1							
Nickel     ppm     ASTM D5185(m)     >4     0     <1	-						
Titanium     ppm     ASTM D5185(m)     0     0     <1							
Silver     ppm     ASTM D5185(m)     >3     0     <1			. /	>4			
Aluminum     ppm     ASTM D5185(m)     >20     5     8     6       Lead     ppm     ASTM D5185(m)     >40     0     0     <1       Copper     ppm     ASTM D5185(m)     >330     1     3     2       Tin     ppm     ASTM D5185(m)     >15     0     0     0       Antimony     ppm     ASTM D5185(m)     0     0     0     0       Vanadium     ppm     ASTM D5185(m)     0     0     0     0       Cadmium     ppm     ASTM D5185(m)     0     0     0     0       Cadmium     ppm     ASTM D5185(m)     0     0     0     0       ADDITIVES     method     Imit/base     current     history1     history2       Boron     ppm     ASTM D5185(m)     10     0     <1     1       Magnesium     ppm     ASTM D5185(m)     10     1     1     1       Magnesium     ppm     ASTM D5185(m)     100     1     1<				0			
Lead     ppm     ASTM D5185(m)     >40     0     0     <1							
Copper     ppm     ASTM D5186(m)     >330     1     3     2       Tin     ppm     ASTM D5185(m)     >15     0     0     <1       Antimony     ppm     ASTM D5185(m)     0     0     0     0       Vanadium     ppm     ASTM D5185(m)     0     0     0     0       Beryllium     ppm     ASTM D5185(m)     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185(m)     250     53     20     26       Barium     ppm     ASTM D5185(m)     100     1     <1     1       Magnesium     ppm     ASTM D5185(m)     100     1     <1     1       Magnesium     ppm     ASTM D5185(m)     450     732     732     703       Calcium     ppm     ASTM D5185(m)     1150     679     653     672       Zinc     ppm     ASTM D5185(m)     1350 <t< th=""><th></th><td></td><td></td><td></td><th></th><td></td><td></td></t<>							
Tin     ppm     ASTM D5185(m)     >15     0     0     <1							
Antimony     ppm     ASTM D5185(m)     0     0     0       Vanadium     ppm     ASTM D5185(m)     0     0     0       Beryllium     ppm     ASTM D5185(m)     0     0     0       Cadmium     ppm     ASTM D5185(m)     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185(m)     250     53     20     26       Barium     ppm     ASTM D5185(m)     10     0     <1     1       Magnese     ppm     ASTM D5185(m)     100     1     <1     1       Magnesium     ppm     ASTM D5185(m)     450     732     732     703       Calcium     ppm     ASTM D5185(m)     150     679     653     672       Zinc     ppm     ASTM D5185(m)     1350     779     784     754       Sulfur     ppm     ASTM D5185(m)     4250     2476     2465     2437 <tr< th=""><th></th><td></td><td>( )</td><td></td><th></th><td></td><td></td></tr<>			( )				
Vanadium     ppm     ASTM D5185(m)     0     0     0     0       Beryllium     ppm     ASTM D5185(m)     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185(m)     250     53     20     26       Barium     ppm     ASTM D5185(m)     10     0     <11				>15			
Beryllium     ppm     ASTM D5185(m)     0     0     0       Cadmium     ppm     ASTM D5185(m)     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185(m)     250     53     20     26       Barium     ppm     ASTM D5185(m)     10     0     <1	,						
Cadmium     ppm     ASTM D5185(m)     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185(m)     250     53     20     26       Barium     ppm     ASTM D5185(m)     10     0     <1		ppm	. /				
ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185(m)     250     53     20     26       Barium     ppm     ASTM D5185(m)     10     0     <1     0       Molybdenum     ppm     ASTM D5185(m)     100     1     <1     1       Manganese     ppm     ASTM D5185(m)     <     732     732     703       Calcium     ppm     ASTM D5185(m)     450     732     732     703       Calcium     ppm     ASTM D5185(m)     3000     1327     1363     1294       Phosphorus     ppm     ASTM D5185(m)     1150     679     653     672       Zinc     ppm     ASTM D5185(m)     1350     779     784     754       Sulfur     ppm     ASTM D5185(m)     4250     2476     2465     2437       Lithium     ppm     ASTM D5185(m) >25     4     6     5       Sodium     ppm     ASTM D5185(m) >22		ppm					
Boron     ppm     ASTM D5185(m)     250     53     20     26       Barium     ppm     ASTM D5185(m)     10     0     <1     0       Molybdenum     ppm     ASTM D5185(m)     100     1     <1     1       Manganese     ppm     ASTM D5185(m)     100     1     <1     <1       Magnesium     ppm     ASTM D5185(m)     450     732     732     703       Calcium     ppm     ASTM D5185(m)     3000     1327     1363     1294       Phosphorus     ppm     ASTM D5185(m)     1150     679     653     672       Zinc     ppm     ASTM D5185(m)     1350     779     784     754       Sulfur     ppm     ASTM D5185(m)     4250     2476     2465     2437       Lithium     ppm     ASTM D5185(m)     >25     4     6     5       Sodium     ppm     ASTM D5185(m)     >20     4     3     3       Potassium     ppm     ASTM D5185(m)	Cadmium	ppm	ASTM D5185(m)		0	0	0
Barium     ppm     ASTM D5185(m)     10     0     <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum     ppm     ASTM D5185(m)     100     1     <1	Boron	ppm	ASTM D5185(m)	250	53	20	26
Manganese   ppm   ASTM D5185(m)   <1	Barium	ppm	ASTM D5185(m)	10	0	<1	0
Magnesium     ppm     ASTM D5185(m)     450     732     732     703       Calcium     ppm     ASTM D5185(m)     3000     1327     1363     1294       Phosphorus     ppm     ASTM D5185(m)     1150 <b>679</b> 653     672       Zinc     ppm     ASTM D5185(m)     1350 <b>779</b> 784     754       Sulfur     ppm     ASTM D5185(m)     4250 <b>2476</b> 2465     2437       Lithium     ppm     ASTM D5185(m)     4250 <b>2476</b> 2465     2437       Silicon     ppm     ASTM D5185(m)     4250 <b>2476</b> 2465     5       Sodium     ppm     ASTM D5185(m)     525 <b>4</b> 6     5       Sodium     ppm     ASTM D5185(m)     >25 <b>4</b> 6     6       Fuel     %     ASTM D5185(m)     >20 <b>4</b> 6     6       Fuel     %     ASTM D7593*     >5 <b>1.5</b> 1.5     1.0       INFRA-RED     method	Molybdenum	ppm	ASTM D5185(m)	100	1	<1	1
Calcium     ppm     ASTM D5185(m)     3000     1327     1363     1294       Phosphorus     ppm     ASTM D5185(m)     1150 <b>679</b> 653     672       Zinc     ppm     ASTM D5185(m)     1350 <b>779</b> 784     754       Sulfur     ppm     ASTM D5185(m)     4250 <b>2476</b> 2465     2437       Lithium     ppm     ASTM D5185(m)     4250 <b>2476</b> 2465     2437       Lithium     ppm     ASTM D5185(m)     4250 <b>2476</b> 2465     2437       Solicon     ppm     ASTM D5185(m)     4250 <b>current</b> history1     history2       Silicon     ppm     ASTM D5185(m)     >25 <b>4</b> 6     5       Sodium     ppm     ASTM D5185(m)     >158 <b>2</b> 4     3       Potassium     ppm     ASTM D5185(m)     >20 <b>4</b> 6     6       Fuel     %     ASTM D7593*     >5 <b>1.5</b> 1.5     1.0       INFRA-RED	Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Phosphorus     ppm     ASTM D5185(m)     1150     679     653     672       Zinc     ppm     ASTM D5185(m)     1350     779     784     754       Sulfur     ppm     ASTM D5185(m)     4250     2476     2465     2437       Lithium     ppm     ASTM D5185(m)     4250     2476     2465     2437       Lithium     ppm     ASTM D5185(m)     4250     current     history1     history2       Silicon     ppm     ASTM D5185(m)     >25     4     6     5       Sodium     ppm     ASTM D5185(m)     >158     2     4     3       Potassium     ppm     ASTM D5185(m)     >20     4     6     6       Fuel     %     ASTM D5185(m)     >20     4     6     6       NiFRA-RED     method     limit/base     current     history1     history2       Soot %     %     ASTM D7844*     >3     0.3     0.8     0.6       Nitration     Abs/cm     ASTM D	Magnesium	ppm	ASTM D5185(m)	450	732	732	703
Zinc     ppm     ASTM D5185(m)     1350     779     784     754       Sulfur     ppm     ASTM D5185(m)     4250     2476     2465     2437       Lithium     ppm     ASTM D5185(m)     4250     c1     <1     <1       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185(m)     >25     4     6     5       Sodium     ppm     ASTM D5185(m)     >25     4     6     6       Fuel     ASTM D5185(m)     >25     4     6     6     6       Fuel     MSTM D5185(m)     >20     4     6     6     6       Fuel     %     ASTM D753*     >5     1.5     1.5     <1.0       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     ASTM D7844*     >3     0.3     0.8     0.6       Nitration     Abs/cm     ASTM D7624*     >20 <td< th=""><th>Calcium</th><td>ppm</td><td>ASTM D5185(m)</td><td>3000</td><th>1327</th><td>1363</td><td>1294</td></td<>	Calcium	ppm	ASTM D5185(m)	3000	1327	1363	1294
Sulfur     ppm     ASTM D5185(m)     4250     2476     2465     2437       Lithium     ppm     ASTM D5185(m)     4250     2476     2465     2437       Lithium     ppm     ASTM D5185(m)     4250     current     history1     clintory2       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185(m)     >25     4     6     5       Sodium     ppm     ASTM D5185(m)     >25     4     6     6       Potassium     ppm     ASTM D5185(m)     >20     4     6     6       Fuel     %     ASTM D7533*     >5     1.5     1.5     <1.0	Phosphorus	ppm	ASTM D5185(m)	1150	679	653	672
LithiumppmASTM D5185(m)<1	Zinc	ppm	ASTM D5185(m)	1350	779	784	754
CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185(m)     >25     4     6     5       Sodium     ppm     ASTM D5185(m)     >158     2     4     3       Potassium     ppm     ASTM D5185(m)     >20     4     6     6       Fuel     %     ASTM D7593*     >5     1.5     1.5     <1.0       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     ASTM D7844*     >3     0.3     0.8     0.6       Nitration     Abs/cm     ASTM D7624*     >20     9.9     12.6     11.7		ppm	ASTM D5185(m)	4250	2476	2465	2437
Silicon     ppm     ASTM D5185(m)     >25     4     6     5       Sodium     ppm     ASTM D5185(m)     >158     2     4     3       Potassium     ppm     ASTM D5185(m)     >20     4     6     6       Fuel     %     ASTM D7593*     >5     1.5     1.5     <1.0	Lithium	ppm	ASTM D5185(m)		<1	<1	<1
Sodium     ppm     ASTM D5185(m)     >158     2     4     3       Potassium     ppm     ASTM D5185(m)     >20     4     6     6       Fuel     %     ASTM D593*     >5     1.5     1.5     <1.0	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium     ppm     ASTM D5185(m)     >20     4     6     6       Fuel     %     ASTM D7593*     >5     1.5     1.5     <1.0							
Fuel     %     ASTM D7593*     >5     1.5     1.5     <1.0	Silicon	ppm	ASTM D5185(m)	>25	4	6	5
INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     ASTM D7844*     >3     0.3     0.8     0.6       Nitration     Abs/cm     ASTM D7624*     >20     9.9     12.6     11.7	Silicon Sodium		. /				
Soot %     %     ASTM D7844*     >3     0.3     0.8     0.6       Nitration     Abs/cm     ASTM D7624*     >20     9.9     12.6     11.7	Sodium	ppm	ASTM D5185(m)	>158	2	4	3
Nitration     Abs/cm     ASTM D7624*     >20     9.9     12.6     11.7	Sodium Potassium	ppm ppm	ASTM D5185(m) ASTM D5185(m)	>158 >20	2 4	4 6	3 6
	Sodium Potassium Fuel	ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D7593*	>158 >20 >5	2 4 1.5	4 6 1.5	3 6 <1.0
	Sodium Potassium Fuel	ppm ppm %	ASTM D5185(m) ASTM D5185(m) ASTM D7593* method	>158 >20 >5 limit/base	2 4 1.5 current	4 6 1.5 history1	3 6 <1.0 history2
	Sodium Potassium Fuel INFRA-RED	ppm ppm %	ASTM D5185(m) ASTM D5185(m) ASTM D7593* <b>method</b> ASTM D7844*	>158 >20 >5 limit/base >3	2 4 1.5 <u>current</u> 0.3	4 6 1.5 history1 0.8	3 6 <1.0 history2 0.6



# **OIL ANALYSIS REPORT**

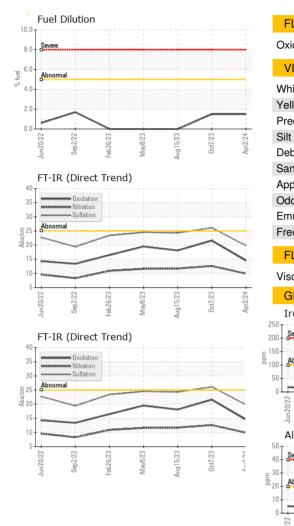
Laboratory

Sample No.

Lab Number : 02629559

Unique Number : 5762691

: WC0924160



Dxidation	Abs/.1mm	ASTM D7414*	>25	14.5	21.6	18.1
VISUAL		method	limit/base	current	history	l history2
Vhite Metal	scalar	Visual*	NONE	NONE		
ellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
Silt	scalar	Visual*	NONE	NONE		
Debris	scalar	Visual*	NONE	VLITE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
ppearance	scalar	Visual*	NORML	NORML		
Ddor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG
ree Water	scalar	Visual*		NEG	NEG	NEG
FLUID PROPER	TIES	method	limit/base	current	history	l history2
∕isc @ 100°C	cSt	ASTM D7279(m)	14.4	<b>11.2</b>	<b>1</b> 1.3	11.2
GRAPHS						
Iron (ppm)				Lead (ppm)		
Severe			8	Sminn		
			E G			
Abnormal						
			2			
122	1/23 -	ug 15/23 - Oct7/23 -	Apr2/24 -	122	1/23 -	/23 -
Jun20/22 Sep2/22 Feb26/23	May8/23	Aug 15/23 . 0ct7/23 .	Apr2	Jun20/22 Sep2/22	Feb 26/23 May8/23	Aug 15/23 - 0ct7/23 -
Aluminum (ppm)				Chromium (	(ppm)	
Severe			5	] [		
0			4	-	1	1 1
Abnormal	1		und 2	Abnormal		 
			1			
3			4			
Jun 20/22 Sep 2/22 Feb 26/23	May8/23	Aug15/23 0ct7/23	Apr2/24	Jun20/22 Sep2/22	Feb 26/23 May 8/23	Aug 15/23 0ct7/23
- L	2	Au (	4	7	_	Au (
Copper (ppm)			8	Silicon (ppm	ı) 	
Severe Abnormat			6			
			E 4			
			2	Abnormal		
Jun20/22 Sep2/22 Feb26/23	May8/23	Aug15/23 0ct7/23	Apr2/24	Jun20/22 Sep2/22	Feb26/23 May8/23	Aug15/23 - 0ct7/23 -
Juni Ser Febi	Mar	Aug	Ap	Ser	Febž	Augi
Viscosity @ 100°	2			Soot %		
Abnormal	1	1	6.	Severe		
Base			e <sup>4</sup> .	Abnormal		
Abnormal				)	I I	
22	23 -	23			23	23
Jun20/22 Sep2/22 Feb26/23	May8/23	Aug15/23 0ct7/23	Apr2/24	Jun20/22 Sep2/22	Feb26/23 May8/23	Aug15/23 0ct7/23
	_	A		7	4 6	A



Accredited Laboratory Test Package : MOB 1 (Additional Tests: FUELDILUTION, PercentFuel, Visual) To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

Received

Diagnosed

Tested

Report Id: RUSMIS [WCAMIS] 02629559 (Generated: 04/19/2024 10:28:34) Rev: 1

CALA

ISO 17025:2017

Contact/Location: Serdar Okur - RUSMIS Page 2 of 2

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