

# **OIL ANALYSIS REPORT**

Sample Rating Trend

NORMAL



Area (YA172344) GFL035 Machine Id 922035

Component Diesel Engine

### DIESEL ENGINE OIL SAE 40 (42 QTS)

DIAGNOSIS	
Recommendation	

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

#### Fluid Condition

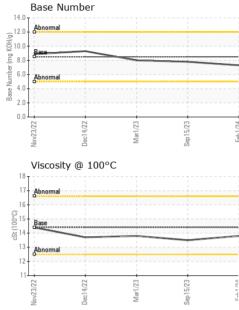
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sample DateClient InfoO1 Feb 202415 Sep 202301 Mar 2023Machine AgehrsClient Info000Oil AgehrsClient Info600600600Oil ChangedClient InfoChangedChangedChangedSample StatusImit/baseNORMALNORMALNORMALCONTAMINATIONmethodlimit/basecurrenthistory1history2	AE 40 (42 QTS)		Nov2022	Dec2022	Mar2023 Sep2023	Feb2024	
Sample Date     Client Info     01 Feb 2024     15 Sep 2023     01 Mar 2023       Machine Age     hrs     Client Info     0     0     0       Oil Age     hrs     Client Info     600     600     600     600       Sample Status     Client Info     Changed	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age Oil Age Di AgehrsClient Info0000Oil Age Age Sample StatusClient Info600600600600600Oil Changed Sample StatusClient InfoChanged MORMALNORMALNORMALNORMALNORMALNORMALCONTAMINATIONmethodinnit/basecurrenthistory1history2FuelWC Method>0.2NEGNEGNEGGlycolWC Method>0.2NEGNEGNEGOther Method>0.2NEGNEGNEGNEGOther Method>0.2NEGNEGNEGNEGOther Method>0.2NEGNEGNEGNEGOther MethodSTM D5185m>20<1<11NickelppmASTM D5185m>20<1<11NickelppmASTM D5185m>202122LaadppmASTM D5185m>2021<11AluminumppmASTM D5185m>15<1<1<11AuminumppmASTM D5185m>15<1<1<11AuminumppmASTM D5185m>15<1<1<1<1AuminumppmASTM D5185m>15<1<1<1<1AuminumppmASTM D5185m>15<1<1<1<1NadatiumppmASTM D5185m>15<1 </th <th>Sample Number</th> <th></th> <th>Client Info</th> <th></th> <th>GFL0102336</th> <th>GFL0102288</th> <th>GFL0053175</th>	Sample Number		Client Info		GFL0102336	GFL0102288	GFL0053175
Oil Age     Inrs     Client Info     600     600     600       Oil Changed     Client Info     Changed     Chang     Chang     Chang	Sample Date		Client Info		01 Feb 2024	15 Sep 2023	01 Mar 2023
Oil Changed Sample Status Client Info Changed NORMAL NORMAL NORMAL NORMAL NORMAL   Eule WC Method >0.2 NEG NEG NEG NEG NEG   Wear WC Method >0.2 NEG NEG NEG NEG   Chromium ppm ASTM 05185m >10 16   Chromium ppm ASTM 05185m >20 21 1 21   Nickel ppm ASTM 05185m >20 2 1 2   Lead ppm ASTM 05185m >20 2 1 2   Lead ppm ASTM 05185m >1 1 1 1   Vanadium ppm ASTM 05185m >1 1 1 1   Vanadium ppm ASTM 05185m >1 0 0 0   Cadmium ppm ASTM 05185m 250 0 4 6   Barium ppm ASTM 05185m	Machine Age	hrs	Client Info		0	0	0
Sample Status     NORMAL     NORMAL     NORMAL     NORMAL     NORMAL       CONTAMINATION     method     imilibase     current     history1     history2       Fuel     WC Method     >3.0     <1.0     <1.0     <1.0       Water     WC Method     >0.2     NEG     NEG     NEG       Glycol     WC Method     >0.2     NEG     NEG     NEG       Wear     WC Method     >100     16     11     11       Chromium     ppm     ASTM D5185m     >20     <1     <1     0       Nickel     ppm     ASTM D5185m     >22     0     <1     0       Silver     ppm     ASTM D5185m     >20     2     1     2       Lead     ppm     ASTM D5185m     >20     0     0     0       Cadmium     ppm     ASTM D5185m     >20     0     0     0       Cadmium     ppm     ASTM D5185m     1     33     6     1     1     1     1	Oil Age	hrs	Client Info		600	600	600
CONTAMINATION     method     imit/base     current     history1     history2       Fuel     WC Method     >3.0     <1.0	Oil Changed		Client Info		Changed	Changed	Changed
Fuel     WC Method     >3.0     <1.0	Sample Status				NORMAL	NORMAL	NORMAL
Water     WC Method     >0.2     NEG     NEG     NEG     NEG       Glycol     WC Method     Imit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >120     9     10     16       Chromium     ppm     ASTM D5185m     >20     <1     <1     <1       Nickel     ppm     ASTM D5185m     >2     0     <1     <1       Nickel     ppm     ASTM D5185m     >2     0     <1     2       Lead     ppm     ASTM D5185m     >20     2     1     2     2       Lead     ppm     ASTM D5185m     >20     2     1     <1     <1       Vanadium     ppm     ASTM D5185m     >30.0     1     3     6     6       Stron     ppm     ASTM D5185m     >15     <1     <1     <1     <1       Vanadium     ppm     ASTM D5185m     10.0     64     66     59       Manganese     ppm	CONTAMINAT	ION	method	limit/base	current	history1	history2
Glycol     WC Method     NEG     NEG     NEG       WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >120     9     10     16       Chromium     ppm     ASTM D5185m     >20     <1     <1     <1       Nickel     ppm     ASTM D5185m     >2     0     <1     0       Silver     ppm     ASTM D5185m     >2     0     0     <1       Auminum     ppm     ASTM D5185m     >20     2     1     2       Lead     ppm     ASTM D5185m     >20     2     1     <1     <1       Vanadium     ppm     ASTM D5185m     >15     <1     <1     <1     <1       Vanadium     ppm     ASTM D5185m     15     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     <1     3     85	Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
WEAR METALS     method     limit/base     current     history1     history2       Iron     ppm     ASTM D5185m     >120     9     10     16       Chromium     ppm     ASTM D5185m     >20     <1	Water		WC Method	>0.2	NEG	NEG	NEG
Iron     ppm     ASTM D5185m     >120     9     10     16       Chromium     ppm     ASTM D5185m     >20     <1	Glycol		WC Method		NEG	NEG	NEG
Chromium     ppm     ASTM D5185m     >20     <1	WEAR METAL	S	method	limit/base	current	history1	history2
Nickel     ppm     ASTM D5185m     >5     1     1     1       Titanium     ppm     ASTM D5185m     >2     0     <1     0       Silver     ppm     ASTM D5185m     >2     0     0     <1       Aluminum     ppm     ASTM D5185m     >20     2     1     2       Lead     ppm     ASTM D5185m     >40     0     0     0       Copper     ppm     ASTM D5185m     >330     1     3     6       Tin     ppm     ASTM D5185m     >15     <1     <1     <1     <1       Vanadium     ppm     ASTM D5185m     10     0     0     0       Cadmium     ppm     ASTM D5185m     100     64     66     59       Barium     ppm     ASTM D5185m     100     64     66     59       Magnesium     ppm     ASTM D5185m     100     64     66     59       Magnesium     ppm     ASTM D5185m     150     133	Iron	ppm	ASTM D5185m	>120	9	10	16
Titanium     ppm     ASTM D5185m     >2     0     <1	Chromium	ppm	ASTM D5185m	>20	<1	<1	<1
Silver     ppm     ASTM D5185m     >2     0     0     <1       Aluminum     ppm     ASTM D5185m     >20     2     1     2       Lead     ppm     ASTM D5185m     >40     0     0     0       Copper     ppm     ASTM D5185m     >330     1     3     6       Tin     ppm     ASTM D5185m     >15     <1     <1     <1     <1       Vanadium     ppm     ASTM D5185m     >15     <1     <1     <1     <1       Vanadium     ppm     ASTM D5185m     >15     <1     <1     <1     <1       Vanadium     ppm     ASTM D5185m     0     0     0     0     0       Cadmium     ppm     ASTM D5185m     100     64     66     59       Barium     ppm     ASTM D5185m     100     64     66     59       Magnessum     ppm     ASTM D5185m     100     64     66     59       Calcium     ppm	Nickel	ppm	ASTM D5185m	>5	1	1	1
Aluminum     ppm     ASTM D5185m     >20     2     1     2       Lead     ppm     ASTM D5185m     >40     0     0     0       Copper     ppm     ASTM D5185m     >330     1     3     6       Tin     ppm     ASTM D5185m     >15     <1	Titanium	ppm	ASTM D5185m	>2	0	<1	0
Lead     ppm     ASTM D5185m     >40     0     0     0       Copper     ppm     ASTM D5185m     >330     1     3     6       Tin     ppm     ASTM D5185m     >15     <1	Silver	ppm	ASTM D5185m	>2	0	0	<1
Copper     ppm     ASTM D5185m     >330     1     3     6       Tin     ppm     ASTM D5185m     >15     <1	Aluminum	ppm	ASTM D5185m	>20	2	1	2
Tin     ppm     ASTM D5185m     >15     <1     <1     <1     <1       Vanadium     ppm     ASTM D5185m     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     250     0     4     6       Barium     ppm     ASTM D5185m     10     <1	Lead	ppm	ASTM D5185m	>40	0	0	0
Vanadium     ppm     ASTM D5185m     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     250     0     4     6       Barium     ppm     ASTM D5185m     10     <1     0     0       Molybdenum     ppm     ASTM D5185m     100     64     66     59       Magnesium     ppm     ASTM D5185m     100     64     66     59       Magnesium     ppm     ASTM D5185m     100     64     66     59       Calcium     ppm     ASTM D5185m     450     973     889     869       Calcium     ppm     ASTM D5185m     450     973     889     869       Calcium     ppm     ASTM D5185m     4250     2764     3057     3219       Sulfur     ppm     ASTM D5185m     >22     2	Copper	ppm	ASTM D5185m	>330	1	3	6
Cadmium     ppm     ASTM D5185m     0     0     0       ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     250     0     4     6       Barium     ppm     ASTM D5185m     10     <1     0     0     0       Molybdenum     ppm     ASTM D5185m     100     64     66     59       Manganese     ppm     ASTM D5185m     100     64     66     59       Magnesium     ppm     ASTM D5185m     100     64     66     59       Calcium     ppm     ASTM D5185m     450     973     889     869       Calcium     ppm     ASTM D5185m     3000     1094     1139     1120       Phosphorus     ppm     ASTM D5185m     150     1287     1196     1187       Sulfur     ppm     ASTM D5185m     >25     2     4     3       Sodium     ppm     ASTM D5185m     >20	Tin	ppm	ASTM D5185m	>15	<1	<1	<1
ADDITIVES     method     limit/base     current     history1     history2       Boron     ppm     ASTM D5185m     250     0     4     6       Barium     ppm     ASTM D5185m     10     <1	Vanadium	ppm	ASTM D5185m		0	0	0
Boron     ppm     ASTM D5185m     250     0     4     6       Barium     ppm     ASTM D5185m     10     <1     0     0       Molybdenum     ppm     ASTM D5185m     100     64     66     59       Manganese     ppm     ASTM D5185m     100     64     66     59       Magnesium     ppm     ASTM D5185m     100     64     66     59       Magnesium     ppm     ASTM D5185m     100     64     100     <1       Magnesium     ppm     ASTM D5185m     450     973     889     869       Calcium     ppm     ASTM D5185m     3000     1094     1139     1120       Phosphorus     ppm     ASTM D5185m     1350     1287     1196     1187       Sulfur     ppm     ASTM D5185m     1350     1287     1196     1187       Sulfur     ppm     ASTM D5185m     >25     2     4     3       Sodium     ppm     ASTM D5185m <td< th=""><th>Cadmium</th><th>ppm</th><th>ASTM D5185m</th><th></th><th>0</th><th>0</th><th>0</th></td<>	Cadmium	ppm	ASTM D5185m		0	0	0
Barium     ppm     ASTM D5185m     10     <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum     ppm     ASTM D5185m     100     64     66     59       Manganese     ppm     ASTM D5185m      <1     0     <1       Magnesium     ppm     ASTM D5185m     450     973     889     869       Calcium     ppm     ASTM D5185m     3000     1094     1139     1120       Phosphorus     ppm     ASTM D5185m     1150     1034     937     930       Zinc     ppm     ASTM D5185m     1350     1287     1196     1187       Sulfur     ppm     ASTM D5185m     4250     2764     3057     3219       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >216     2     1     2       Potassium     ppm     ASTM D5185m     >20     1     3     2       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844	Boron	ppm	ASTM D5185m	250	0	4	6
Manganese     ppm     ASTM D5185m     <1     0     <1       Magnesium     ppm     ASTM D5185m     450     973     889     869       Calcium     ppm     ASTM D5185m     3000     1094     1139     1120       Phosphorus     ppm     ASTM D5185m     1004     1139     1120       Phosphorus     ppm     ASTM D5185m     1150     1034     937     930       Zinc     ppm     ASTM D5185m     1350     1287     1196     1187       Sulfur     ppm     ASTM D5185m     4250     2764     3057     3219       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     2     4     3       Sodium     ppm     ASTM D5185m     >20     1     3     2       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >4     0.8	Barium	ppm	ASTM D5185m	10	<1	0	0
Magnesium     ppm     ASTM D5185m     450     973     889     869       Calcium     ppm     ASTM D5185m     3000     1094     1139     1120       Phosphorus     ppm     ASTM D5185m     1150     1034     937     930       Zinc     ppm     ASTM D5185m     1350     1287     1196     1187       Sulfur     ppm     ASTM D5185m     4250     2764     3057     3219       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     2     4     3       Sodium     ppm     ASTM D5185m     >216     2     1     2       Potassium     ppm     ASTM D5185m     >20     1     3     2       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >4     0.8     0.6     0.7       Nitration     Abs/.1mm     *ASTM D7415	Molybdenum	ppm	ASTM D5185m	100	64		59
Calcium     ppm     ASTM D5185m     3000     1094     1139     1120       Phosphorus     ppm     ASTM D5185m     1150     1034     937     930       Zinc     ppm     ASTM D5185m     1350     1287     1196     1187       Sulfur     ppm     ASTM D5185m     4250     2764     3057     3219       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     2     4     3       Sodium     ppm     ASTM D5185m     >216     2     1     2       Potassium     ppm     ASTM D5185m     >20     1     3     2       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >4     0.8     0.6     0.7       Nitration     Abs/cm     *ASTM D7624     >20     8.6     7.5     8.0       Sulfation     Abs/.1mm     *ASTM D7415	Manganese	ppm	ASTM D5185m		<1		
Phosphorus     ppm     ASTM D5185m     1150     1034     937     930       Zinc     ppm     ASTM D5185m     1350     1287     1196     1187       Sulfur     ppm     ASTM D5185m     4250     2764     3057     3219       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     2     4     3       Sodium     ppm     ASTM D5185m     >216     2     1     2       Potassium     ppm     ASTM D5185m     >20     1     3     2       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >4     0.8     0.6     0.7       Nitration     Abs/cm     *ASTM D7624     >20     8.6     7.5     8.0       Sulfation     Abs/.1mm     *ASTM D7615     >30     20.5     19.9     20.0       FLUID DEGRADATION     method     limit	Magnesium	ppm	ASTM D5185m	450		889	
Zinc     ppm     ASTM D5185m     1350     1287     1196     1187       Sulfur     ppm     ASTM D5185m     4250     2764     3057     3219       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     2     4     3       Sodium     ppm     ASTM D5185m     >216     2     1     2       Potassium     ppm     ASTM D5185m     >20     1     3     2       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >4     0.8     0.6     0.7       Nitration     Abs/cm     *ASTM D7624     >20     8.6     7.5     8.0       Sulfation     Abs/.1mm     *ASTM D7415     >30     20.5     19.9     20.0       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414		ppm	ASTM D5185m	3000	1094	1139	
Sulfur     ppm     ASTM D5185m     4250     2764     3057     3219       CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m     >25     2     4     3       Sodium     ppm     ASTM D5185m     >216     2     1     2       Potassium     ppm     ASTM D5185m     >20     1     3     2       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >4     0.8     0.6     0.7       Sulfation     Abs/cm     *ASTM D7624     >20     8.6     7.5     8.0       Sulfation     Abs/.1mm     *ASTM D7624     >20     8.6     7.5     9.0       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     16.1     15.0     15.0		ppm					
CONTAMINANTS     method     limit/base     current     history1     history2       Silicon     ppm     ASTM D5185m<>25     2     4     3       Sodium     ppm     ASTM D5185m<>216     2     1     2       Potassium     ppm     ASTM D5185m<>20     1     3     2       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844<>4     0.8     0.6     0.7       Nitration     Abs/cm     *ASTM D7624<>20     8.6     7.5     8.0       Sulfation     Abs/.1mm     *ASTM D7615<>30     20.5     19.9     20.0       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414<>25     16.1     15.0     15.0		ppm			1287		
Silicon     ppm     ASTM D5185m     >25     2     4     3       Sodium     ppm     ASTM D5185m     >216     2     1     2       Potassium     ppm     ASTM D5185m     >20     1     3     2       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >4     0.8     0.6     0.7       Nitration     Abs/cm     *ASTM D7624     >20     8.6     7.5     8.0       Sulfation     Abs/.1mm     *ASTM D7615     >30     20.5     19.9     20.0       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     16.1     15.0     15.0			ASTM D5185m	4250	2764	3057	3219
Sodium     ppm     ASTM D5185m     >216     2     1     2       Potassium     ppm     ASTM D5185m     >20     1     3     2       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >4     0.8     0.6     0.7       Nitration     Abs/cm     *ASTM D7624     >20     8.6     7.5     8.0       Sulfation     Abs/.1mm     *ASTM D7415     >30     20.5     19.9     20.0       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     16.1     15.0     15.0		ITS					
Potassium     ppm     ASTM D5185m     >20     1     3     2       INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >4     0.8     0.6     0.7       Nitration     Abs/cm     *ASTM D7624     >20     8.6     7.5     8.0       Sulfation     Abs/.1mm     *ASTM D7415     >30     20.5     19.9     20.0       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     16.1     15.0     15.0							
INFRA-RED     method     limit/base     current     history1     history2       Soot %     %     *ASTM D7844     >4     0.8     0.6     0.7       Nitration     Abs/cm     *ASTM D7624     >20     8.6     7.5     8.0       Sulfation     Abs/.1mm     *ASTM D7415     >30     20.5     19.9     20.0       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     16.1     15.0     15.0							
Soot %     %     *ASTM D7844     >4     0.8     0.6     0.7       Nitration     Abs/cm     *ASTM D7624     >20     8.6     7.5     8.0       Sulfation     Abs/.1mm     *ASTM D7415     >30     20.5     19.9     20.0       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     16.1     15.0     15.0		ppm	ASTM D5185m	>20	1	3	2
Nitration     Abs/cm     *ASTM D7624     >20     8.6     7.5     8.0       Sulfation     Abs/.1mm     *ASTM D7415     >30     20.5     19.9     20.0       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     16.1     15.0     15.0							
Sulfation     Abs/.1mm     *ASTM D7415     >30     20.5     19.9     20.0       FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     16.1     15.0     15.0							
FLUID DEGRADATION method limit/base current history1 history2   Oxidation Abs/.1mm *ASTM D7414 >25 16.1 15.0 15.0							
Oxidation Abs/.1mm *ASTM D7414 >25 16.1 15.0 15.0				>30	20.5	19.9	20.0
	FLUID DEGRA	DATION		limit/base		history1	
Base Number (BN)     mg KOH/g     ASTM D2896     8.5     7.3     7.8     8.0							
	Base Number (BN)	mg KOH/g	ASTM D2896	8.5	7.3	7.8	8.0



# **OIL ANALYSIS REPORT**

VISUAL



	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
Sep 15/23 Feb 1/24	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Sep	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
	Free Water	scalar	*Visual		NEG	NEG	NEG
	FLUID PROPE	RTIES	method	limit/base	current	history1	history2
	Visc @ 100°C	cSt	ASTM D445	14.4	13.8	13.5	13.8
	GRAPHS						
	Ferrous Alloys						
23	14 iron	$\wedge$	1				
Sep 15/23	12-						
	10						
	6						
	4						
	2						
	3/22	1/23 -	5/23	Feb1/24			
	Nov23/22 Dec14/22	Mar1/23	Sep 15/23	Feb			
	Non-ferrous Metal	s					
	10 copper						
	8 - second second tip						
	e dd	$\sim$					
	ā 4						
	2						
	0		CO.				
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Test Package		Biagh			cc Durio	Contact:	JORGE COSTA
s sample report,	contact Customer Serv					jorge.cos	sta@gflenv.com
	are outside of the ISO 1						: (336)668-3712
contormity to sp	pecifications are based o	on the sim	ple accepta	nce decision	rule (JCGM 106	5:2012)	F:

\* - Denotes test method Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

To discuss this sample

Certificate L2367

Submitted By: JORGE COSTA