

# **OIL ANALYSIS REPORT**

Sample Rating Trend



**428045-402448** Component

Diesel Engine

Machine Id

PETRO CANADA DURON SHP 15W40 (--- GAL)

## DIAGNOSIS Recommendation

Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

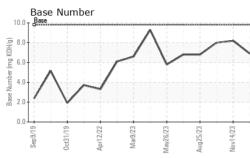
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

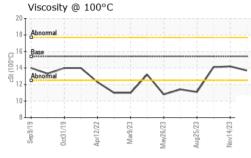
| SAMPLE INFOR  | MATION   | method   | limit/base  | current   | history1  | history2  |
|---|--|--|---|---|---|---|
| Sample Number   |  | Client Info  |   | GFL0103965  | GFL0100501  | GFL0093316  |
| Sample Date   |  | Client Info  |   | 30 Jan 2024   | 14 Nov 2023   | 27 Oct 2023   |
| Machine Age   | hrs  | Client Info  |   | 18653   | 18073   | 17945   |
| Oil Age   | hrs  | Client Info  |   | 18653   | 18073   | 17945   |
| Oil Changed   |  | Client Info  |   | Changed   | Changed   | Not Changd  |
| Sample Status   |  |  |   | NORMAL  | NORMAL  | NORMAL  |
| CONTAMINAT  | ION  | method   | limit/base  | current   | history1  | history2  |
| Fuel  |  | WC Method  | >3.0  | <1.0  | <1.0  | 0.6   |
| Water   |  | WC Method  | >0.2  | NEG   | NEG   | NEG   |
| Glycol  |  | WC Method  |   | NEG   | NEG   | NEG   |
| WEAR METAL  | S  | method   | limit/base  | current   | history1  | history2  |
| Iron  | ppm  | ASTM D5185m  | >120  | 6   | 9   | 11  |
| Chromium  | ppm  | ASTM D5185m  | >20   | <1  | <1  | <1  |
| Nickel  | ppm  | ASTM D5185m  | >5  | 0   | 0   | <1  |
| Titanium  | ppm  | ASTM D5185m  | >2  | 0   | <1  | <1  |
| Silver  | ppm  | ASTM D5185m  | >2  | 0   | 0   | <1  |
| Aluminum  | ppm  | ASTM D5185m  | >20   | 2   | 2   | 1   |
| Lead  | ppm  | ASTM D5185m  | >40   | <1  | 0   | <1  |
| Copper  | ppm  | ASTM D5185m  | >330  | <1  | 1   | 1   |
| Tin   | ppm  | ASTM D5185m  | >15   | <1  | <1  | 0   |
| Vanadium  | ppm  | ASTM D5185m  |   | 0   | <1  | 0   |
| Cadmium   | ppm  | ASTM D5185m  |   | 0   | 0   | <1  |
|   | PP   |  |   | Ū   | 0   |   |
| ADDITIVES   | 66   | method   | limit/base  | current   | history1  | history2  |
| ADDITIVES<br>Boron  | ppm  |  | limit/base  | -   |   |   |
|   |  | method   |   | current   | history1  | history2  |
| Boron   | ppm  | method<br>ASTM D5185m  | 0   | current   | history1<br>2   | history2<br>3   |
| Boron<br>Barium   | ppm<br>ppm   | method<br>ASTM D5185m<br>ASTM D5185m   | 0<br>0<br>60  | current<br><1<br>0  | history1<br>2<br>0  | history2<br>3<br>4  |
| Boron<br>Barium<br>Molybdenum   | ppm<br>ppm<br>ppm  | method<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | 0<br>0<br>60  | current<br><1<br>0<br>56  | history1<br>2<br>0<br>59  | history2<br>3<br>4<br>60  |
| Boron<br>Barium<br>Molybdenum<br>Manganese  | ppm<br>ppm<br>ppm<br>ppm   | method<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | 0<br>0<br>60<br>0   | <pre>current &lt;1 0 56 &lt;1</pre>   | history1<br>2<br>0<br>59<br><1  | history2<br>3<br>4<br>60<br><1  |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium   | ppm<br>ppm<br>ppm<br>ppm<br>ppm                                    | method<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | 0<br>0<br>60<br>0<br>1010   | <pre>current &lt;1 0 56 &lt;1 913</pre>   | history1<br>2<br>0<br>59<br><1<br>964   | history2<br>3<br>4<br>60<br><1<br>853   |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm                             | method<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | 0<br>0<br>60<br>0<br>1010<br>1070   | <pre>current &lt;1 0 56 &lt;1 913 972</pre>   | history1<br>2<br>0<br>59<br><1<br>964<br>1113   | history2<br>3<br>4<br>60<br><1<br>853<br>1086<br>914<br>1144  |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm                      | method<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | 0<br>0<br>60<br>0<br>1010<br>1070<br>1150   | current           <1           0           56           <1           913           972           998  | history1           2           0           59           <1           964           1113           1046  | history2<br>3<br>4<br>60<br><1<br>853<br>1086<br>914  |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm               | method<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | 0<br>0<br>60<br>0<br>1010<br>1070<br>1150<br>1270   | current           <1           0           56           <1           913           972           998           1197   | history1           2           0           59           <1           964           1113           1046           1273   | history2<br>3<br>4<br>60<br><1<br>853<br>1086<br>914<br>1144  |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm               | method<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | 0<br>0<br>60<br>0<br>1010<br>1070<br>1150<br>1270<br>2060   | current           <1           0           56           <1           913           972           998           1197           2928  | history1         2         0         59         <1         964         1113         1046         1273         3093  | history2<br>3<br>4<br>60<br><1<br>853<br>1086<br>914<br>1144<br>2922  |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm        | method<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | 0<br>0<br>60<br>0<br>1010<br>1070<br>1150<br>1270<br>2060   | current<br><1<br>0<br>56<br><1<br>913<br>972<br>998<br>1197<br>2928<br>current  | history1         2         0         59         <1         964         1113         1046         1273         3093         history1   | history2<br>3<br>4<br>60<br><1<br>853<br>1086<br>914<br>1144<br>2922<br>history2  |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon   | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | method<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | 0<br>0<br>60<br>0<br>1010<br>1070<br>1150<br>1270<br>2060<br><b>limit/base</b>  | current           <1           0           56           <1           913           972           998           1197           2928           current           6  | history1         2         0         59         <1         964         1113         1046         1273         3093         history1         6   | history2         3         4         60         <1         853         1086         914         1144         2922         history2         10   |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium   | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | method           ASTM D5185m   | 0<br>0<br>60<br>0<br>1010<br>1070<br>1150<br>1270<br>2060<br><b>limit/base</b>  | current           <1           0           56           <1           913           972           998           1197           2928           current           6           4  | history1         2         0         59         <1         964         1113         1046         1273         3093         history1         6         3   | history2         3         4         60         <1         853         1086         914         1144         2922         history2         10         0   |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium  | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | method           ASTM D5185m   | 0<br>0<br>60<br>0<br>1010<br>1070<br>1150<br>1270<br>2060<br><b>limit/base</b><br>>25<br>>20  | current         <1         0         56         <1         913         972         998         1197         2928         current         6         4         2  | history1         2         0         59         <1         964         1113         1046         1273         3093         history1         6         3   | history2         3         4         60         <1         853         1086         914         1144         2922         history2         10         0         2   |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium<br>INFRA-RED                                     | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | method           ASTM D5185m   | 0<br>0<br>0<br>1010<br>1070<br>1150<br>1270<br>2060<br>2060<br>225<br>>25<br>>20<br>imit/base<br>>20  | current         <1         0         56         <1         913         972         998         1197         2928         current         6         4         2         current                                      | history1         2         0         59         <1         964         1113         1046         1273         3093         history1         6         3         <1         history1                                   | history2         3         4         60         <1         853         1086         914         1144         2922         history2         10         0         2         history2                                      |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium<br>INFRA-RED<br>Soot %                           | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | method           ASTM D5185m   | 0<br>0<br>0<br>1010<br>1070<br>1150<br>1270<br>2060<br>2060<br>225<br>>25<br>>20<br>imit/base<br>>20  | current         <1         0         56         <1         913         972         998         1197         2928         current         6         4         2         current         0.3                          | history1         2         0         59         <1         964         1113         1046         1273         3093         history1         6         3         <1         history1         0         0.2             | history2         3         4         60         <1         853         1086         914         1144         2922         history2         10         0         2         history2         0.2                          |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium<br>INFRA-RED<br>Soot %<br>Nitration              | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | method           ASTM D5185m           ASTM D5185m | 0<br>0<br>0<br>1010<br>1070<br>1150<br>1270<br>2060<br>2060<br>225<br>>25<br>>20<br>imit/base<br>>20  | current         <1         0         56         <1         913         972         998         1197         2928         current         6         4         2         current         0.3         8.8              | history1         2         0         59         <1         964         1113         1046         1273         3093         history1         6         3         <1         history1         0         0.2         7.5 | history2         3         4         60         <1         853         1086         914         1144         2922         history2         10         0         2         history2         0.2         7.3              |
| Boron<br>Barium<br>Molybdenum<br>Manganese<br>Magnesium<br>Calcium<br>Phosphorus<br>Zinc<br>Sulfur<br>CONTAMINAN<br>Silicon<br>Sodium<br>Potassium<br>INFRA-RED<br>Soot %<br>Nitration<br>Sulfation | ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm<br>ppm | method           ASTM D5185m           ASTM D5185m | 0<br>0<br>0<br>1010<br>1070<br>1150<br>1270<br>2060<br>2060<br>225<br>20<br>225<br>20<br><b>imit/base</b><br>>20<br><b>imit/base</b><br>>20 | current         <1         0         56         <1         913         972         998         1197         2928         current         6         4         2         current         0.3         8.8         18.9 | history1         2         0         59         <1         964         1113         1046         1273         3093         history1         6         3         <1         0.2         7.5         18.7               | history2         3         4         60         <1         853         1086         914         1144         2922         history2         10         0         2         history2         0.2         7.3         18.7 |



# **OIL ANALYSIS REPORT**

VISUAL





|                     |   |  |   |   | iimii/base   | current  | riistory i   |   |
|---------------------|---|--|---|---|--|--|--|---|
|                     |   | White Metal  | scalar  | *Visual   | NONE   | NONE   | NONE   | NONE  |
| $\sum$              | $\sim$  | 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  |
|                     |   |  |   | *Visual   | NONE   | NONE   | NONE   | NONE  |
| 3 33                | 33  | _ Sand/Dirt  | scalar  |   |  |  |  |   |
| Mar9/23<br>May26/23 | Aug25/23<br>Nov14/23  | Appearance   | scalar  | *Visual   | NORML  | NORML  | NORML  | NORML   |
| 2 N                 | Au<br>Nc  | 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  |
|                     | $\sim$  | Visc @ 100°C   | cSt   | ASTM D445   | 15.4   | 13.7   | 14.2   | 14.1  |
| $\wedge$            | 1   | GRAPHS   |   |   |  |  |  |   |
|                     |   | Ferrous Alloys   |   |   |  |  |  |   |
|                     | 21 E  | iron   |   |   |  |  |  |   |
| Mar9/23<br>May26/23 | Aug25/23<br>Nov14/23  | 120 - chromium   |   |   |  |  |  |   |
| N N                 | Au<br>No  | 100  |   |   |  |  |  |   |
|                     |   | B0   |   |   |  |  |  |   |
|                     |   | B 60-  |   |   | +  |  |  |   |
|                     |   | 40   |   |   |  |  |  |   |
|                     |   | 20   |   |   |  |  |  |   |
|                     |   | 0 - V  | -   |   |  |  |  |   |
|                     |   | Sep9/19<br>Oct31/19  | Mar9/23 -                                     | Aug25/23  | Nov14/23   |  |  |   |
|                     |   | ∽ ँ ∉<br>Non-ferrous Metal   | 2   | Au  | No   |  |  |   |
|                     |   | 35 <sub>T</sub>  | 15  |   |  |  |  |   |
|                     |   |  |   |   | 1  |  |  |   |
|                     |   | copper   |   |   |  |  |  |   |
|                     |   | 30 - copper<br>lead  |   |   |  |  |  |   |
|                     |   | 30 - Lead<br>25 - tin  |   |   |  |  |  |   |
|                     |   | 30 - Lead<br>25 - tin  |   |   |  |  |  |   |
|                     |   | 30 - copper<br>lead<br>25 - tin<br>15 - tin  |   |   |  |  |  |   |
|                     |   | 30 - Lead<br>25 - tin  |   |   |  |  |  |   |
|                     |   | 30 - copper<br>lead<br>25 - tin<br>15 - tin  |   |   |  |  |  |   |
|                     |   | 30<br>25<br>Eg 20<br>15  |   |   |  |  |  |   |
|                     |   | 30<br>25<br>Eg 20<br>15  | a9/23 /<br>56/73                              | 25/23   | 14/23  |  |  |   |
|                     |   | 30<br>25<br>Eg<br>15<br>10   | Mar0/5/23                                     | Aug25/23  | Moort 4/123  |  |  |   |
|                     |   | Copper<br>lead<br>25<br>4<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5   |   | Aug25/23  |  | Base Number                                    |  |   |
|                     |   | Viscosity @ 100°C  |   | Aug25/23  |  | Base Number                                    |  |   |
|                     |   | Copper<br>lead<br>25<br>4<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5   |   | Aug25/23  | 10.  | 0 - Base                                       | Λ  |   |
|                     |   | Viscosity @ 100°C  |   | Aug25/23  | 10.  | 0 - Base                                       |  |   |
|                     |   | Viscosity @ 100°C  |   | Aug25/23  | 10.  | 0 - Base                                       | $\bigwedge$  |   |
|                     |   | 30<br>25<br>Edd<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>10<br>15<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10  |   | Aug25/23  | 10.  | 0 - Base                                       | $\bigwedge$  |   |
|                     |   | Viscosity @ 100°C  |   | Aug25/23  | 10.  | 0 - Base                                       | $\bigwedge$  |   |
|                     |   | 30<br>25<br>Edd<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>15<br>10<br>10<br>15<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10  |   | Aug25/23  | 10.  | 0 - Base                                       | $\bigwedge$  |   |
|                     |   | 30<br>25<br>20<br>10<br>5<br>6<br>6<br>10<br>5<br>6<br>10<br>5<br>6<br>10<br>5<br>6<br>10<br>10<br>5<br>6<br>10<br>10<br>10<br>10<br>6<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10   |   | Aug25/23  | 10.1<br>(6)HOX Bull) as<br>aquuny aseg<br>2.1  |  | $\bigwedge$  |   |
|                     |   | 20<br>20<br>20<br>15<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  |   | 7   | 10.<br>(0)HOX Bull segurity<br>10, 10, 10, 10, 10, 10, 10, 10, 10, 10,   |  |  |   |
|                     |   | 20<br>20<br>20<br>15<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0  |   | 7   | 10.<br>(0)HOX Bull segurity<br>10, 10, 10, 10, 10, 10, 10, 10, 10, 10,   |  | Mare1013 America Ame | q25/23  |
|                     |   | 30<br>25<br>Ed<br>15<br>10<br>5<br>10<br>5<br>10<br>5<br>10<br>5<br>10<br>5<br>10<br>5<br>10<br>5<br>10<br>5<br>10<br>5<br>10<br>5<br>10<br>5<br>10<br>5<br>10<br>5<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10  |   | 7   | 10.1<br>(6)HOX Bull) as<br>aquuny aseg<br>2.1  |  | Ma923  | Aug25/23  |
|                     | Laboratory  | Copper<br>lead<br>25<br>4<br>4<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5   | Mar9/23                                       | Aug25/23  | 10.1<br>(0)Hoy Bul Jaquing asses<br>8.1<br>(0)Hoy Bul Jaquing asses<br>2.1<br>0.1  | Sep9/19 0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0- | 2  |   |
|                     | Laboratory<br>Sample No.  | Copper<br>Lead<br>Copper<br>Lead<br>Copper<br>Lead<br>Copper<br>Lead<br>Copper<br>Lead<br>Copper<br>Lead<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Co | Mar9/23                                       | EZISZIBIN<br>Son Ave., Ca                             | 10.1<br>(0)Hoy Bul Jaquing asses<br>8.1<br>(0)Hoy Bul Jaquing asses<br>2.1<br>0.1  | 3 GFL Envir                                    | ecception<br>commental - 865 - E<br>213 East Mount   | ast Mount Hauli   |
| NAB                 |   | Copper<br>Lead<br>Copper<br>Lead<br>Copper<br>Lead<br>Copper<br>Line<br>Copper<br>Line<br>Copper<br>Line<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Copper<br>Co | ECOSPORE<br>ECOSPORE<br>501 Madis             | son Ave., Ca  | 10.1<br>(0)HOX Bull Jack (1)<br>(0)HOX Bull Jack (1)<br>(0)HOX Bull Jack (1)<br>(0)<br>(1)HOX Bull Jack (1)<br>(1)HOX BULL Jack (1)HOX BULL   | 3 GFL Envir                                    | onmental - 865 - E   | <b>ast Mount Hauli</b><br>Houston Roa<br>Houston, T                       |
|                     | Sample No.  | Copper<br>Lead<br>25<br>15<br>10<br>15<br>10<br>15<br>10<br>10<br>15<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10<br>10   | 501 Madis<br>Recieved                         | son Ave., Ca<br>d : 02 F<br>ed : 02 F                 | 10.1<br>()(Hoy Gu)<br>10.1<br>()(Hoy | 3 GFL Envir                                    | onmental - 865 - E<br>213 East Mount   | ast Mount Hauli<br>Houston Roa<br>Houston, T<br>US 7705                   |
|                     | Sample No.<br>Lab Number<br>Unique Number<br>Test Package                   | Copper<br>Line Line Line Line Line Line Line Line  | 501 Madia<br>Recieved<br>Diagnost             | son Ave., Ca<br>d : 02 f<br>ed : 02 f<br>tician : Wes | 10.1<br>(0)Hoy Bull Jaquer<br>(0)Hoy Bull Jaquer<br>(0)Hoy Bull Jaquer<br>(0)<br>(0)Hoy Bull Jaquer<br>(0)<br>(0)Hoy Bull Jaquer<br>(0)<br>(0)Hoy Bull Jaquer<br>(0)Hoy Bull Jaquer<br>(0)Ho   | 3 GFL Envir                                    | eonmental - 865 - E<br>213 East Mount<br>Contad  | ast Mount Hauli<br>Houston Roa<br>Houston, 1<br>US 7709<br>ct: Saul Casti |
| discuss this        | Sample No.<br>Lab Number<br>Unique Number<br>Test Package<br>sample report, | Copper<br>Lead<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20<br>20   | 501 Madis<br>Recieved<br>Diagnost<br>Diagnost | son Ave., Ca<br>d : 02 F<br>ed : 02 F<br>tician : Wes | 10.1<br>(PHO) Put and a second s   | 3 GFL Envir                                    | eonmental - 865 - E<br>213 East Mount<br>Contad  | a <b>st Mount Hauli</b><br>Houston Roa<br>Houston, 1                      |

Submitted By: TECHNICIAN ACCOUNT