

# **OIL ANALYSIS REPORT**

Sample Rating Trend



NORMAL



Machine Id **2626** Component

**Diesel Engine** 

PETRO CANADA DURON SHP 15W40 (10 GAL)

## DIAGNOSIS

### 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

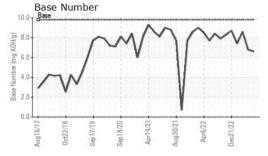
### **Fluid Condition**

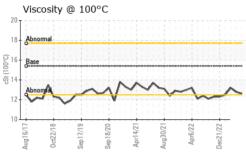
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

| Sample Number   Client Info   PCA0101727   PCA0077301   PCA0077342   Sample Date   Client Info   05 Sep 2023   27 Jun 2023   19 Apr 2023   Machine Age   hrs   Client Info   531   561   211   Client Info   Changed   Changed | SAMPLE INFORI   | MATION  | method   | limit/base   | current  | history1   | history2  |
|--|---|---|--|--|--|--|---|
| Sample Date  |   |   |  |  |  | · ·  | •   |
| Machine Age         hrs         Client Info         20325         19794         19233           Oil Age         hrs         Client Info         531         561         211           Oil Changed         Changed         Changed         Changed         Changed           Sample Status         NORMAL         NORMAL         NORMAL         NORMAL           CONTAMINATION         method         Imitibase         current         history1         history2           Fuel         WC Method         5         <1.0         <1.0         <1.0           Glycol         WC Method         NEG         NEG         NEG           WEAR METALS         method         Imitibase         current         history1         history2           Iron         ppm         ASTM DS185m         >110         19         16         2           Chromium         ppm         ASTM DS185m         >2         0         0         0           Nickel         ppm         ASTM DS185m         >2         0         0         0           Aluminum         ppm         ASTM DS185m         >2         0         0         0           Copper         ppm         ASTM DS185m         >4 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>   |   |   |  |  |  |  |   |
| Oil Age         hrs         Client Info         531         561         211           Oil Changed Sample Status         Client Info         Changed Changed Changed Changed Changed NORMAL         NORMAL NORMAL         NORMAL NORMAL           CONTAMINATION         method         limit/base         current         history1         history2           Fuel         WC Method         S         <1.0   |   | hrs   |  |  | •  |  |   |
| Oil Changed Sample Status         Client Info         Changed NORMAL         A1.0         4.1.0   |   |   |  |  |  |  |   |
| Sample Status  |   | 0   |  |  |  |  |   |
| Fuel   |   |   |  |  | _  | Ü  |   |
| WEAR METALS  | CONTAMINAT  | ION   | method   | limit/base   | current  | history1   | history2  |
| WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >11         19         16         2           Chromium         ppm         ASTM D5185m         >4         <1         <1         0           Nickel         ppm         ASTM D5185m         >2         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >2         0         0         0           Lead         ppm         ASTM D5185m         >45         3         2         0           Copper         ppm         ASTM D5185m         >4         <1         <1         0           Copper         ppm         ASTM D5185m         >4         <1         <1         0           Copper         ppm         ASTM D5185m         >4         <1         <1         0           Copper         ppm         ASTM D5185m         0         0         0         0           Cadmium         ppm         ASTM D5185m         0         13         14         1   | Fuel  |   | WC Method  | >5   | <1.0   | <1.0   | <1.0  |
| Iron   | Glycol  |   | WC Method  |  | NEG  | NEG  | NEG   |
| Chromium         ppm         ASTM D5185m         >4         <1   | WEAR METAL  | S   | method   | limit/base   | current  | history1   | history2  |
| Chromium         ppm         ASTM D5185m         >4         <1   | Iron  | ppm   | ASTM D5185m  | >110   | 19   | 16   | 2   |
| Titanium         ppm         ASTM D5185m         0         0         0         0           Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >25         1         3         <1   | Chromium  | ppm   | ASTM D5185m  | >4   | <1   | <1   | 0   |
| Silver         ppm         ASTM D5185m         >2         0         0         0           Aluminum         ppm         ASTM D5185m         >25         1         3         <1  | Nickel  | ppm   | ASTM D5185m  | >2   | 0  | 0  | 0   |
| Aluminum   | Titanium  | ppm   | ASTM D5185m  |  | 0  | 0  | 0   |
| Lead   | Silver  | ppm   | ASTM D5185m  | >2   | 0  | 0  | 0   |
| Copper         ppm         ASTM D5185m         >85         2         1         0           Tin         ppm         ASTM D5185m         >4         <1         <1         0           Vanadium         ppm         ASTM D5185m         <1         0         0           Cadmium         ppm         ASTM D5185m         0         0         0           ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         13         14         17           Barium         ppm         ASTM D5185m         0         0         0         0           Molybdenum         ppm         ASTM D5185m         0         1         <1         <1         <1           Manganese         ppm         ASTM D5185m         0         1         <1         <1         <1         <1           Magnesium         ppm         ASTM D5185m         1010         971         924         737          55           Calcium         ppm         ASTM D5185m         1070         1438         1235         966          966         Phosphorus         152 <th>Aluminum</th> <th>ppm</th> <th>ASTM D5185m</th> <th>&gt;25</th> <th>1</th> <th>3</th> <th>&lt;1</th>   | Aluminum  | ppm   | ASTM D5185m  | >25  | 1  | 3  | <1  |
| Tin         ppm         ASTM D5185m         >4         <1  | Lead  | ppm   | ASTM D5185m  | >45  | 3  | 2  | 0   |
| Vanadium         ppm         ASTM D5185m         <1  | Copper  | ppm   | ASTM D5185m  | >85  | 2  | 1  | 0   |
| Cadmium         ppm         ASTM D5185m         0  | Tin   | ppm   | ASTM D5185m  | >4   | <1   | <1   | 0   |
| ADDITIVES  | Vanadium  | ppm   | ASTM D5185m  |  | <1   | 0  | 0   |
| Boron  | Cadmium   | ppm   | ASTM D5185m  |  | 0  | 0  | 0   |
| Barium         ppm         ASTM D5185m         0         0         0         0           Molybdenum         ppm         ASTM D5185m         60         78         73         55           Manganese         ppm         ASTM D5185m         0         1         <1         <1           Magnesium         ppm         ASTM D5185m         1010         971         924         737           Calcium         ppm         ASTM D5185m         1070         1438         1235         966           Phosphorus         ppm         ASTM D5185m         1150         1053         1052         827           Zinc         ppm         ASTM D5185m         1270         1302         1289         1026           Sulfur         ppm         ASTM D5185m         2060         3643         3677         2881           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >30         9         5         3           Sodium         ppm         ASTM D5185m         >20         5         2         0           INFRA-RED         method         limit/base <th>ADDITIVES</th> <th></th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>  | ADDITIVES   |   | method   | limit/base   | current  | history1   | history2  |
| Molybdenum         ppm         ASTM D5185m         60         78         73         55           Manganese         ppm         ASTM D5185m         0         1         <1  | Boron   | ppm   | ASTM D5185m  | 0  | 13   | 14   | 17  |
| Manganese         ppm         ASTM D5185m         0         1         <1   | Barium  | ppm   | ASTM D5185m  | 0  | 0  | 0  | 0   |
| Magnesium         ppm         ASTM D5185m         1010         971         924         737           Calcium         ppm         ASTM D5185m         1070         1438         1235         966           Phosphorus         ppm         ASTM D5185m         1150         1053         1052         827           Zinc         ppm         ASTM D5185m         1270         1302         1289         1026           Sulfur         ppm         ASTM D5185m         2060         3643         3677         2881           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >30         9         5         3           Sodium         ppm         ASTM D5185m         >20         5         2         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         % *ASTM D7844         >3         0.6         0.6         0.1           Nitration         Abs/cm         *ASTM D7845         >20         10.8         10.4         5.5           Sulfation         Abs/.1mm         *ASTM D78415 </th <th>Molybdenum</th> <th>ppm</th> <th>ASTM D5185m</th> <th>60</th> <th>78</th> <th>73</th> <th>55</th>  | Molybdenum  | ppm   | ASTM D5185m  | 60   | 78   | 73   | 55  |
| Calcium         ppm         ASTM D5185m         1070         1438         1235         966           Phosphorus         ppm         ASTM D5185m         1150         1053         1052         827           Zinc         ppm         ASTM D5185m         1270         1302         1289         1026           Sulfur         ppm         ASTM D5185m         2060         3643         3677         2881           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >30         9         5         3           Sodium         ppm         ASTM D5185m         >20         5         2         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.6         0.6         0.1           Nitration         Abs/cm         *ASTM D7624         >20         10.8         10.4         5.5           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.9         22.6         17.5           FLUID DEGRADATION  | Manganese   | ppm   | ASTM D5185m  | 0  | 1  | <1   | <1  |
| Phosphorus         ppm         ASTM D5185m         1150         1053         1052         827           Zinc         ppm         ASTM D5185m         1270         1302         1289         1026           Sulfur         ppm         ASTM D5185m         2060         3643         3677         2881           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >30         9         5         3           Sodium         ppm         ASTM D5185m         6         4         <1           Potassium         ppm         ASTM D5185m         >20         5         2         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.6         0.6         0.1           Nitration         Abs/cm         *ASTM D7624         >20         10.8         10.4         5.5           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.9         22.6         17.5           FLUID DEGRADATION         *ASTM D7414  | Magnesium   | ppm   | ASTM D5185m  | 1010   | 971  | 924  | 737   |
| Zinc         ppm         ASTM D5185m         1270         1302         1289         1026           Sulfur         ppm         ASTM D5185m         2060         3643         3677         2881           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >30         9         5         3           Sodium         ppm         ASTM D5185m         6         4         <1           Potassium         ppm         ASTM D5185m         >20         5         2         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.6         0.6         0.1           Nitration         Abs/cm         *ASTM D7624         >20         10.8         10.4         5.5           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.9         22.6         17.5           FLUID DEGRADATION method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414   | Calcium   | nnm   | AOTH DE LOS  |  |  |  |   |
| Sulfur         ppm         ASTM D5185m         2060         3643         3677         2881           CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >30         9         5         3           Sodium         ppm         ASTM D5185m         6         4         <1           Potassium         ppm         ASTM D5185m         >20         5         2         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.6         0.6         0.1           Nitration         Abs/cm         *ASTM D7624         >20         10.8         10.4         5.5           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.9         22.6         17.5           FLUID DEGRADATION method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         18.4         20.0         13.2   |   | ppiii   | ASTM D5185m  | 1070   | 1438   | 1235   | 966   |
| CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >30         9         5         3           Sodium         ppm         ASTM D5185m         6         4         <1           Potassium         ppm         ASTM D5185m         >20         5         2         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.6         0.6         0.1           Nitration         Abs/cm         *ASTM D7624         >20         10.8         10.4         5.5           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.9         22.6         17.5           FLUID DEGRADATION method         limit/base         current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         18.4         20.0         13.2  | Phosphorus  |   |  |  |  |  |   |
| Silicon         ppm         ASTM D5185m         >30         9         5         3           Sodium         ppm         ASTM D5185m         6         4         <1  | Zinc  | ppm   | ASTM D5185m  | 1150   | 1053   | 1052   | 827<br>1026   |
| Sodium         ppm         ASTM D5185m         6         4         <1  | Zinc<br>Sulfur  | ppm<br>ppm  | ASTM D5185m<br>ASTM D5185m   | 1150<br>1270   | 1053<br>1302   | 1052<br>1289   | 827<br>1026   |
| Potassium         ppm         ASTM D5185m         >20         5         2         0           INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.6         0.6         0.1           Nitration         Abs/cm         *ASTM D7624         >20         10.8         10.4         5.5           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.9         22.6         17.5           FLUID DEGRADATION method limit/base current history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         18.4         20.0         13.2   | Zinc<br>Sulfur<br>CONTAMINAN  | ppm<br>ppm  | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>method  | 1150<br>1270<br>2060<br>limit/base   | 1053<br>1302<br>3643<br>current  | 1052<br>1289<br>3677<br>history1   | 827<br>1026<br>2881<br>history2   |
| INFRA-RED         method         limit/base         current         history1         history2           Soot %         %         *ASTM D7844         >3         0.6         0.6         0.1           Nitration         Abs/cm         *ASTM D7624         >20         10.8         10.4         5.5           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.9         22.6         17.5           FLUID DEGRADATION method limit/base current history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         18.4         20.0         13.2   | Zinc<br>Sulfur<br>CONTAMINAN  | ppm<br>ppm<br>ppm                                   | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>method<br>ASTM D5185m   | 1150<br>1270<br>2060<br>limit/base   | 1053<br>1302<br>3643<br>current  | 1052<br>1289<br>3677<br>history1   | 827<br>1026<br>2881<br>history2   |
| Soot %         %         *ASTM D7844         >3         0.6         0.6         0.1           Nitration         Abs/cm         *ASTM D7624         >20         10.8         10.4         5.5           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.9         22.6         17.5           FLUID DEGRADATION method limit/base current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         18.4         20.0         13.2   | Zinc Sulfur CONTAMINAN Silicon Sodium   | ppm<br>ppm<br>ppm                                   | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>Method<br>ASTM D5185m<br>ASTM D5185m  | 1150<br>1270<br>2060<br>limit/base<br>>30  | 1053<br>1302<br>3643<br>current  | 1052<br>1289<br>3677<br>history1<br>5  | 827<br>1026<br>2881<br>history2   |
| Nitration         Abs/cm         *ASTM D7624         >20         10.8         10.4         5.5           Sulfation         Abs/.1mm         *ASTM D7415         >30         21.9         22.6         17.5           FLUID DEGRADATION method limit/base current         history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         18.4         20.0         13.2   | Zinc Sulfur CONTAMINAN Silicon Sodium   | ppm<br>ppm<br>ppm<br>TS<br>ppm                      | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>Method<br>ASTM D5185m<br>ASTM D5185m  | 1150<br>1270<br>2060<br>limit/base<br>>30  | 1053<br>1302<br>3643<br>current<br>9   | 1052<br>1289<br>3677<br>history1<br>5  | 827<br>1026<br>2881<br>history2<br>3<br><1  |
| Sulfation         Abs/.1mm         *ASTM D7415         >30         21.9         22.6         17.5           FLUID DEGRADATION method limit/base current history1         history2           Oxidation         Abs/.1mm         *ASTM D7414         >25         18.4         20.0         13.2  | Zinc Sulfur CONTAMINAN Silicon Sodium Potassium   | ppm<br>ppm<br>ppm<br>TS<br>ppm                      | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>method<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m   | 1150<br>1270<br>2060<br>limit/base<br>>30<br>>20                                       | 1053<br>1302<br>3643<br>current<br>9<br>6<br>5                                   | 1052<br>1289<br>3677<br>history1<br>5<br>4   | 827<br>1026<br>2881<br>history2<br>3<br><1  |
| FLUID DEGRADATION     method     limit/base     current     history1     history2       Oxidation     Abs/.1mm     *ASTM D7414     >25     18.4     20.0     13.2  | Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED   | ppm<br>ppm<br>ppm<br>TS<br>ppm<br>ppm               | ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>method<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m<br>ASTM D5185m  | 1150<br>1270<br>2060<br>limit/base<br>>30<br>>20<br>limit/base                         | 1053<br>1302<br>3643<br>current<br>9<br>6<br>5                                   | 1052<br>1289<br>3677<br>history1<br>5<br>4<br>2<br>history1                                    | 827<br>1026<br>2881<br>history2<br>3<br><1<br>0                                   |
| Oxidation         Abs/.1mm         *ASTM D7414         >25         18.4         20.0         13.2  | Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot %                                  | ppm<br>ppm<br>ppm<br>TS<br>ppm<br>ppm<br>ppm<br>ppm | ASTM D5185m ASTM D5185m ASTM D5185m  method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m  method  *ASTM D7844                                       | 1150<br>1270<br>2060<br>limit/base<br>>30<br>>20<br>limit/base<br>>3                   | 1053<br>1302<br>3643<br>current<br>9<br>6<br>5<br>current<br>0.6                 | 1052<br>1289<br>3677<br>history1<br>5<br>4<br>2<br>history1<br>0.6                             | 827<br>1026<br>2881<br>history2<br>3<br><1<br>0<br>history2                       |
|  | Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration                        | ppm<br>ppm<br>ppm<br>TS<br>ppm<br>ppm<br>ppm<br>ppm | ASTM D5185m ASTM D5185m ASTM D5185m  method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m  *ASTM D7844 *ASTM D7624                       | 1150<br>1270<br>2060<br>limit/base<br>>30<br>>20<br>limit/base<br>>3<br>>20            | 1053<br>1302<br>3643<br>current<br>9<br>6<br>5<br>current<br>0.6<br>10.8         | 1052<br>1289<br>3677<br>history1<br>5<br>4<br>2<br>history1<br>0.6<br>10.4                     | 827<br>1026<br>2881<br>history2<br>3<br><1<br>0<br>history2<br>0.1<br>5.5         |
| <b>Base Number (BN)</b> mg KOH/g ASTM D2896 9.8 <b>6.6</b> 6.8 8.6   | Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation              | ppm ppm ppm ppm ppm ppm ppm ppm ppm Abs/.1mm        | ASTM D5185m ASTM D5185m ASTM D5185m  method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m  *ASTM D5185m  *ASTM D7844 *ASTM D7624 *ASTM D7415         | 1150<br>1270<br>2060<br>limit/base<br>>30<br>>20<br>limit/base<br>>3<br>>20<br>>3      | 1053<br>1302<br>3643<br>current<br>9<br>6<br>5<br>current<br>0.6<br>10.8<br>21.9 | 1052<br>1289<br>3677<br>history1<br>5<br>4<br>2<br>history1<br>0.6<br>10.4<br>22.6             | 827<br>1026<br>2881<br>history2<br>3<br><1<br>0<br>history2<br>0.1<br>5.5<br>17.5 |
|  | Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation FLUID DEGRAE | ppm             | ASTM D5185m ASTM D5185m ASTM D5185m  method  ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m  ASTM D5185m  *ASTM D7844 *ASTM D7624 *ASTM D7415  method | 1150<br>1270<br>2060<br>limit/base<br>>30<br>>20<br>limit/base<br>>3<br>>20<br>>30<br> | 1053<br>1302<br>3643<br>current<br>9<br>6<br>5<br>current<br>0.6<br>10.8<br>21.9 | 1052<br>1289<br>3677<br>history1<br>5<br>4<br>2<br>history1<br>0.6<br>10.4<br>22.6<br>history1 | 827<br>1026<br>2881<br>history2<br>3<br><1<br>0<br>history2<br>0.1<br>5.5<br>17.5 |



## **OIL ANALYSIS REPORT**

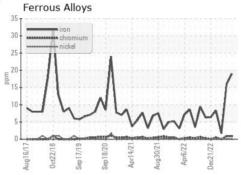


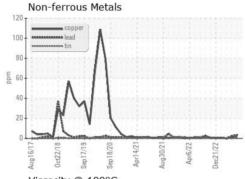


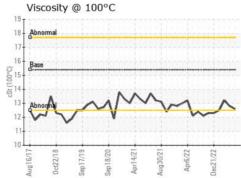
| VISUAL                  |        | method  | limit/base | current | history1 | history2 |
|-------------------------|--------|---------|------------|---------|----------|----------|
| White Metal             | scalar | *Visual | NONE       | NONE    | NONE     | NONE     |
| Yellow Metal            | 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     |
| Appearance              | scalar | *Visual | NORML      | NORML   | NORML    | NORML    |
| Odor                    | scalar | *Visual | NORML      | NORML   | NORML    | NORML    |
| <b>Emulsified Water</b> | scalar | *Visual | >0.2       | NEG     | NEG      | NEG      |
| Free Water              | scalar | *Visual |            | NEG     | NEG      | NEG      |

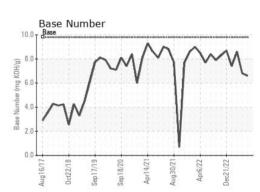
| FLUID PROPE  | RTIES | method    |      |      |      | history2 |
|--------------|-------|-----------|------|------|------|----------|
| Visc @ 100°C | cSt   | ASTM D445 | 15.4 | 12.6 | 12.8 | 13.2     |

### **GRAPHS**













Certificate L2367

Laboratory

Sample No. Lab Number **Unique Number** Test Package : FLEET

: PCA0101727 : 05946438

: 10642397

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 08 Sep 2023

: 11 Sep 2023 Diagnosed Diagnostician : Wes Davis

GFL Environmental - 002 - Vance-Granville

241 Vanco Mill Rd Henderson, NC US 27537

Contact: Cameron King cameron.king@gflenv.com

T: (252)438-5333 F: (252)431-1635

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)