



Machine Id  
**PETRO GLIDE ELV**

Component  
**New (Unused) Oil**

Fluid  
**PETRO CANADA PETROGLIDE ELV (--- GAL)**



## DIAGNOSIS

### Recommendation

Il s'agit du relevé de base de cette huile neuve (inutilisée). Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez noter que l'huile était trop épaisse pour permettre d'effectuer certains des tests habituels de laboratoire.

### Wear

{sans objet}

### Contamination

Concentration modérée d'eau dans l'huile.

### Fluid Condition

{sans objet}

## SAMPLE INFORMATION

|               | method      | limit/base  | current            | history 1 | history 2 |
|---------------|-------------|-------------|--------------------|-----------|-----------|
| Sample Number | Client Info |             | <b>PC0075482</b>   | ---       | ---       |
| Sample Date   | Client Info |             | <b>22 Jun 2023</b> | ---       | ---       |
| Machine Age   | hrs         | Client Info | <b>0</b>           | ---       | ---       |
| Oil Age       | hrs         | Client Info | <b>0</b>           | ---       | ---       |
| Oil Changed   | Client Info |             | <b>N/A</b>         | ---       | ---       |
| Sample Status |             |             | <b>ABNORMAL</b>    | ---       | ---       |

## WEAR METALS

|           | method | limit/base    | current   | history 1 | history 2 |
|-----------|--------|---------------|-----------|-----------|-----------|
| Iron      | ppm    | ASTM D5185(m) | <b>10</b> | ---       | ---       |
| Chromium  | ppm    | ASTM D5185(m) | <b>0</b>  | ---       | ---       |
| Nickel    | ppm    | ASTM D5185(m) | <b>3</b>  | ---       | ---       |
| Titanium  | ppm    | ASTM D5185(m) | <b>0</b>  | ---       | ---       |
| Silver    | ppm    | ASTM D5185(m) | <b>3</b>  | ---       | ---       |
| Aluminum  | ppm    | ASTM D5185(m) | <b>3</b>  | ---       | ---       |
| Lead      | ppm    | ASTM D5185(m) | <b>3</b>  | ---       | ---       |
| Copper    | ppm    | ASTM D5185(m) | <b>3</b>  | ---       | ---       |
| Tin       | ppm    | ASTM D5185(m) | <b>0</b>  | ---       | ---       |
| Antimony  | ppm    | ASTM D5185(m) | <b>0</b>  | ---       | ---       |
| Vanadium  | ppm    | ASTM D5185(m) | <b>0</b>  | ---       | ---       |
| Beryllium | ppm    | ASTM D5185(m) | <b>0</b>  | ---       | ---       |
| Cadmium   | ppm    | ASTM D5185(m) | <b>0</b>  | ---       | ---       |

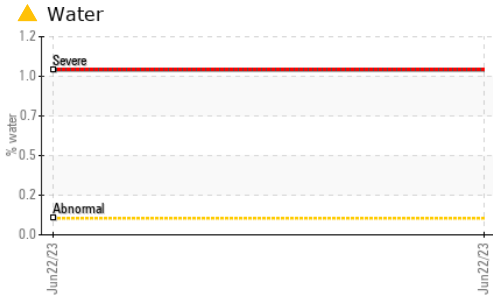
## ADDITIVES

|            | method | limit/base         | current     | history 1 | history 2 |
|------------|--------|--------------------|-------------|-----------|-----------|
| Boron      | ppm    | ASTM D5185(m)      | <b>31</b>   | ---       | ---       |
| Barium     | ppm    | ASTM D5185(m)      | <b>7</b>    | ---       | ---       |
| Molybdenum | ppm    | ASTM D5185(m)      | <b>0</b>    | ---       | ---       |
| Manganese  | ppm    | ASTM D5185(m)      | <b>1</b>    | ---       | ---       |
| Magnesium  | ppm    | ASTM D5185(m)      | <b>10</b>   | ---       | ---       |
| Calcium    | ppm    | ASTM D5185(m)      | <b>61</b>   | ---       | ---       |
| Phosphorus | ppm    | ASTM D5185(m)      | <b>34</b>   | ---       | ---       |
| Zinc       | ppm    | ASTM D5185(m)      | <b>84</b>   | ---       | ---       |
| Sulfur     | ppm    | ASTM D5185(m) 3000 | <b>3500</b> | ---       | ---       |
| Lithium    | ppm    | ASTM D5185(m)      | <b>6</b>    | ---       | ---       |



## CONTAMINANTS

|           | method | limit/base        | current         | history 1 | history 2 |
|-----------|--------|-------------------|-----------------|-----------|-----------|
| Silicon   | ppm    | ASTM D5185(m)     | <b>2</b>        | ---       | ---       |
| Sodium    | ppm    | ASTM D5185(m)     | <b>2030</b>     | ---       | ---       |
| Potassium | ppm    | ASTM D5185(m) >20 | <b>2450</b>     | ---       | ---       |
| Water     | %      | ASTM D6304*       | <b>▲ 0.999</b>  | ---       | ---       |
| ppm Water | ppm    | ASTM D6304*       | <b>▲ 9996.6</b> | ---       | ---       |

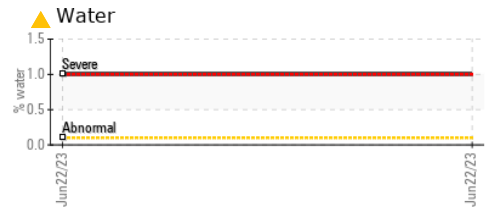
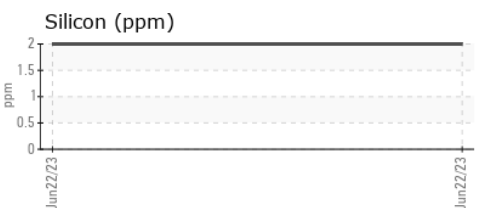
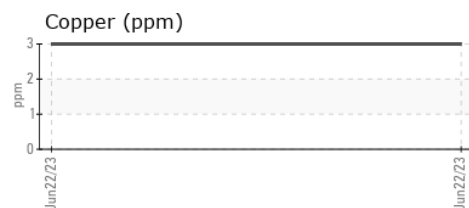
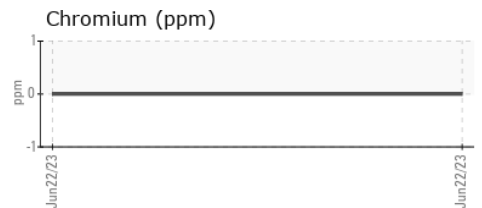
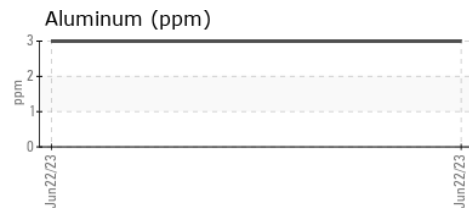
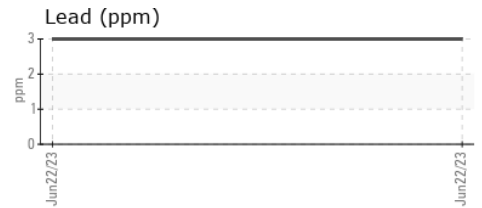
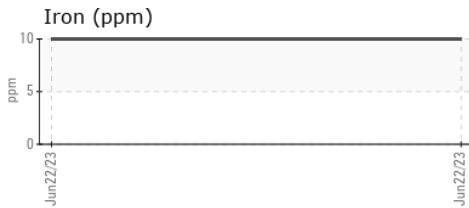
# OIL ANALYSIS REPORT



| VISUAL           | method | limit/base | current | history 1 | history 2 |     |
|------------------|--------|------------|---------|-----------|-----------|-----|
| White Metal      | scalar | Visual*    | NONE    | NONE      | ---       | --- |
| Yellow Metal     | scalar | Visual*    | NONE    | NONE      | ---       | --- |
| Precipitate      | scalar | Visual*    | NONE    | NONE      | ---       | --- |
| Silt             | scalar | Visual*    | NONE    | NONE      | ---       | --- |
| Debris           | scalar | Visual*    | NONE    | NONE      | ---       | --- |
| Sand/Dirt        | scalar | Visual*    | NONE    | NONE      | ---       | --- |
| Appearance       | scalar | Visual*    | NORML   | NORML     | ---       | --- |
| Odor             | scalar | Visual*    | NORML   | NORML     | ---       | --- |
| Emulsified Water | scalar | Visual*    | ▲ .2%   | ---       | ---       |     |
| Free Water       | scalar | Visual*    | NEG     | ---       | ---       |     |

| SAMPLE IMAGES | method | limit/base | current   | history 1 | history 2 |
|---------------|--------|------------|---|-----------|-----------|
| Color         |        |            |  | no image  | no image  |
| Bottom        |        |            |  | no image  | no image  |

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0075482 **Received** : 26 Jun 2023  
**Lab Number** : 02566371 **Diagnosed** : 04 Jul 2023  
**Unique Number** : 5603417 **Diagnostician** : Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: FT-IR, ICP-NewOil, KF, KV100, VI )

**HUILES DESROCHES INC.**  
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 CA G1N 4E3  
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 F: (418)621-0822

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.