

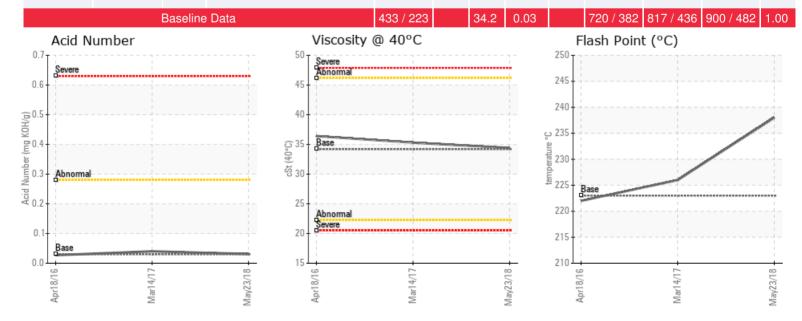
Attn: Ada Aponte Tel: E-Mail: Ada Aponte@guadra.ca System Volume: 20000 ltr Bulk Operating Temp: 428F / 220C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make:

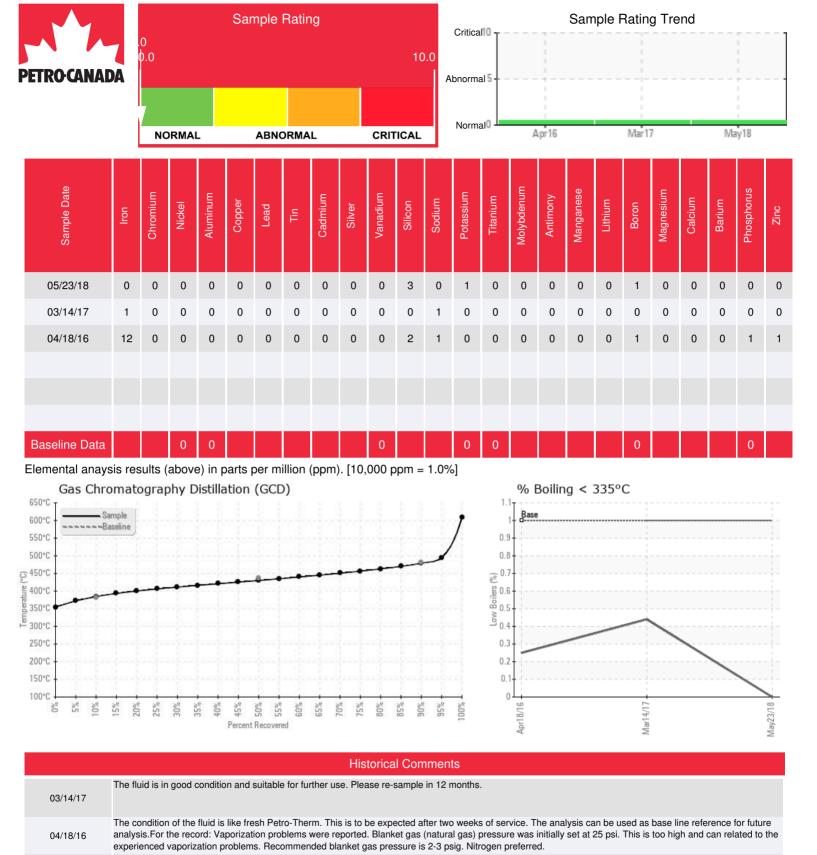
Lab No: 02218641 Analyst: Peter Harteveld Sample Date: 05/23/18 Received Date: 05/28/18 Completed: 05/29/18 To discuss this report contact Peter Harteveld at (780)967-4234

Recommendation: The fluid is in excellent condition and suitable for further use. Please re-sample in 12 months.

Comments:

| Sample Date | Received Date | Fluid Age | Sample Location | Flash Point (COC) | Water (KF) | Viscosity (40°C) | Acid Number  | Solids | GCD 10%   | GCD 50%   | GCD 90%   | GCD % < 335°C |
|-------------|---------------|-----------|-----------------|-------------------|------------|------------------|--------------|--------|-----------|-----------|-----------|---------------|
|             | mm/dd/yy      |           |                 | °F/°C             | ppm        | cSt              | mg/KOH/<br>g | %wt    | °F/°C     | °F/°C     | °F/°C     | %             |
| 05/23/18    | 05/28/18      | Oy        | 15-36-44-15W5   | 460 / 238         | 84.5       | 34.4             | 0.031        | 0.040  | 724 / 384 | 806 / 430 | 894 / 479 | 0.00          |
| 03/14/17    | 03/21/17      | 2у        | PUMP            | 439 / 226         | 212.7      | 35.3             | 0.04         | 0.214  | 722 / 383 | 814 / 434 | 914 / 490 | 0.44          |
| 04/18/16    | 04/20/16      | 2у        |                 | 432 / 222         | 166.5      | 36.4             | 0.027        | 0.041  | 722 / 383 | 811 / 433 | 909 / 487 | 0.25          |
|             |               |           |                 |                   |            |                  |              |        |           |           |           |               |
|             |               |           |                 |                   |            |                  |              |        |           |           |           |               |
|             |               |           |                 |                   |            |                  |              |        |           |           |           |               |





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