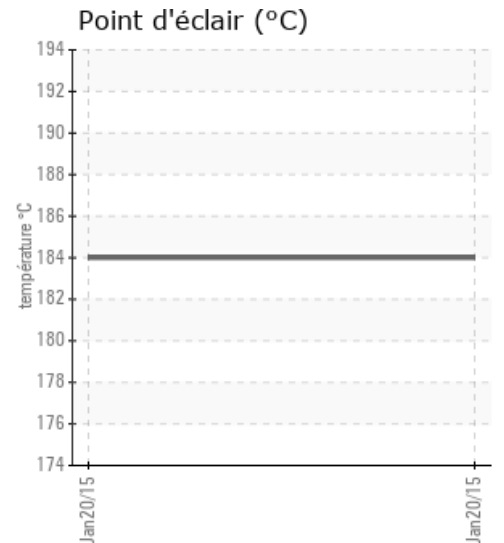
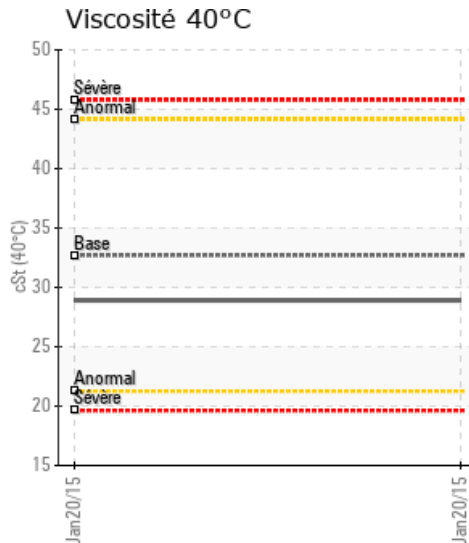
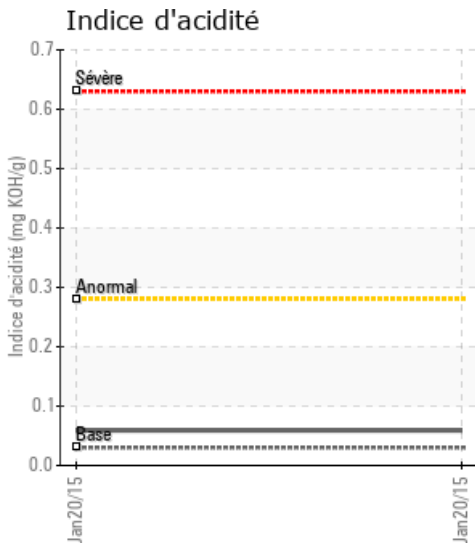
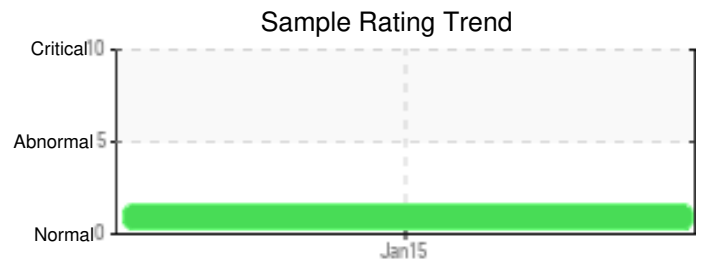
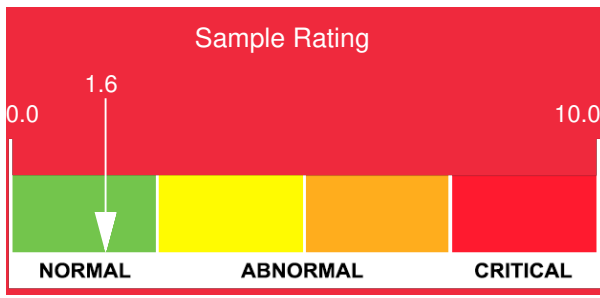


## MISE EN CIRCULATION DU FLUIDE 2510812014

| Customer: PTRHTF40115   | System Information  | Sample Information   |
|---|---|--|
| Polyrey - Ussel<br>Les Petites Bordes<br>Ussel<br>Correze, 19200 France<br>Attn: Olivier Letrange<br>Tel: (055)546-3735<br>E-Mail: olivier.letrange@polyrey.com | System Volume: 3000 ltr<br>Bulk Operating Temp: 439F / 226C<br>Heating Source:<br>Blanket:<br>Fluid: PETRO CANADA CALFLO AF<br>Make: CHAUFFERIE ANNESCE | Lab No: 01973435<br>Analyst: John Cliff<br>Sample Date: 01/20/15<br>Received Date: 01/29/15<br>Completed: 01/14/16<br>To discuss this report contact John Cliff<br>at +44 (0) 121 781 7264 |
| Recommendation: There are some low boilers present. Oil is fit for further service, sample at next scheduled maintenance interval.                              |   |  |
| Comments:   |   |  |

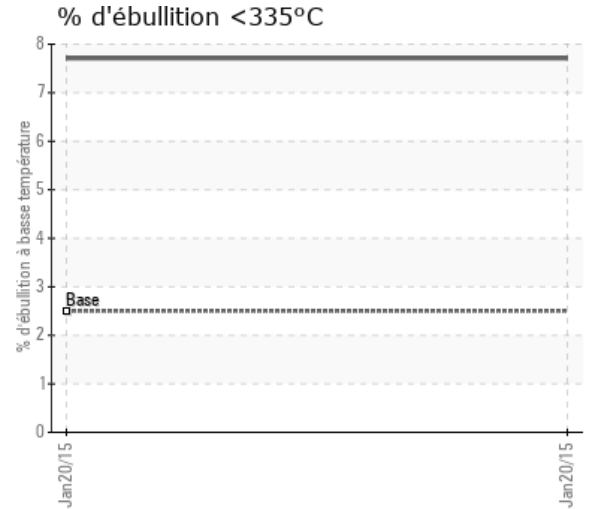
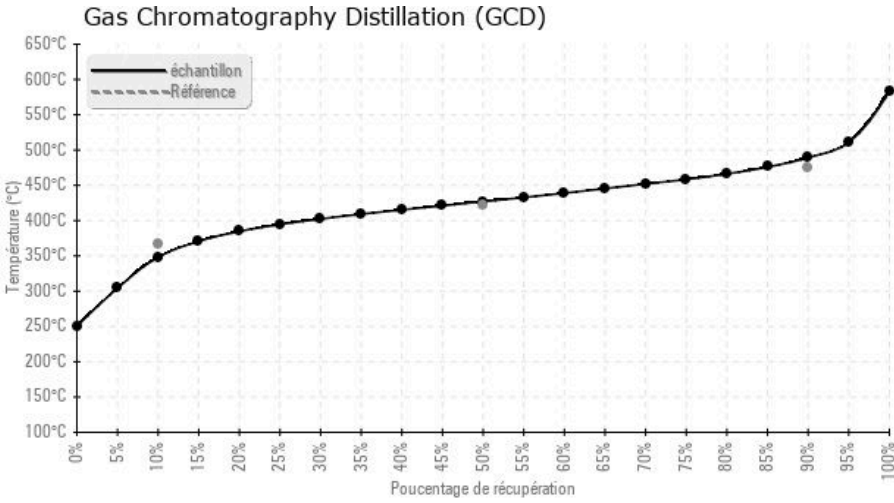
| Sample Date   | Received Date | Fluid Age | Sample Location | Flash Point (COC) | Water (KF) | Viscosity (40°C) | Acid Number | Solids | GCD 10%   | GCD 50%   | GCD 90%   | GCD % < 335°C |
|---------------|---------------|-----------|-----------------|-------------------|------------|------------------|-------------|--------|-----------|-----------|-----------|---------------|
|               | mm/dd/yy      |           |                 | °F/°C             | ppm        | cSt              | mg/KOH/g    | %wt    | °F/°C     | °F/°C     | °F/°C     | %             |
| 01/20/15      | 01/29/15      | 0m        |                 | 363 / 184         | 19.4       | 28.9             | 0.059       | 0.034  | 658 / 348 | 801 / 427 | 913 / 489 | 7.71          |
| Baseline Data |               |           |                 | 435 / 224         |            | 32.7             | 0.03        |        | 693 / 367 | 790 / 421 | 887 / 475 | 2.5           |





| Sample Date          | Iron | Chromium | Nickel | Aluminum | Copper | Lead | Tin | Cadmium | Silver | Vanadium | Silicon | Sodium | Potassium | Titanium | Molybdenum | Antimony | Manganese | Lithium | Boron | Magnesium | Calcium | Barium | Phosphorus | Zinc |  |
|----------------------|------|----------|--------|----------|--------|------|-----|---------|--------|----------|---------|--------|-----------|----------|------------|----------|-----------|---------|-------|-----------|---------|--------|------------|------|--|
| 01/20/15             | 2    | 0        | 0      | 0        | 0      | 0    | 0   | 1       | 0      | 0        | 0       | 0      | 0         | 0        | 0          | 0        | 0         | 0       | 0     | 0         | 1       | 0      | 1          | 0    |  |
| <b>Baseline Data</b> |      |          | 0      | 0        |        |      |     |         |        | 0        |         |        | 0         | 0        |            |          |           |         | 0     |           |         |        |            | 270  |  |

Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]



### Historical Comments

|  |
|--|
|  |
|  |
|  |
|  |
|  |