

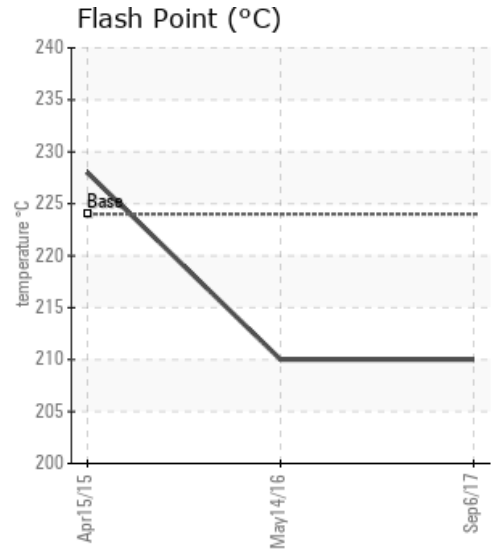
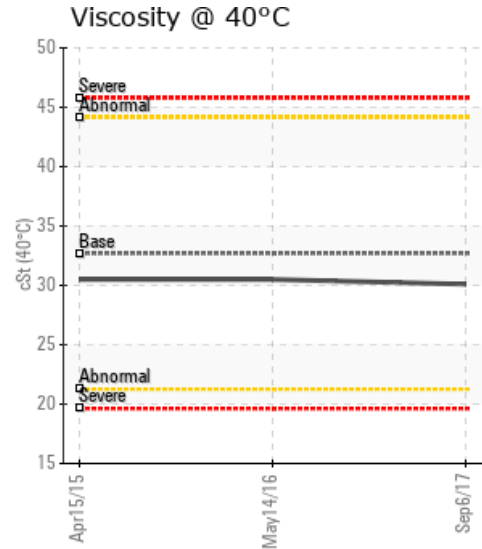
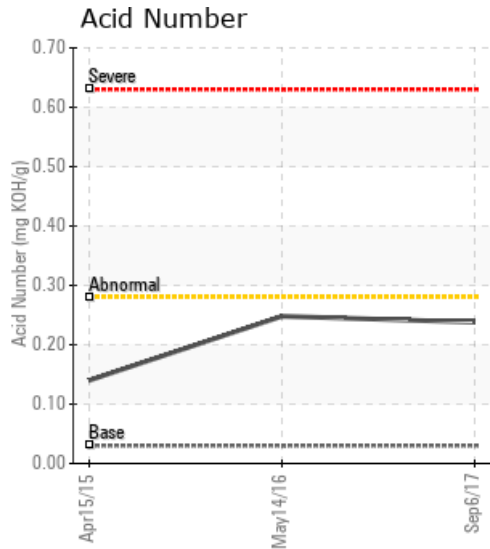
## INCINERATOR SYSTEM

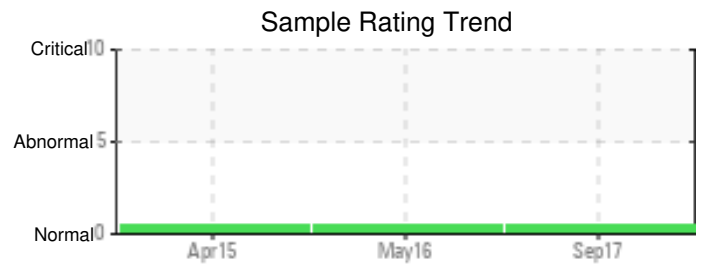
| Customer: PTRHTF10069  | System Information   | Sample Information  |
|--|--|---|
| CERTAINEED - SAINT GOBAIN<br>3303 EAST 4TH AVENUE<br>SHAKOPEE, MN 55379 USA<br>Attn: Patrick Wallace<br>Tel:<br>E-Mail: patrick.wallace@saint-gobain.com | System Volume: 3000 gal<br>Bulk Operating Temp: 550F / 288C<br>Heating Source:<br>Blanket:<br>Fluid: PETRO CANADA CALFLO AF<br>Make: JOHN ZINK | Lab No: 02168850<br>Analyst: Gaston Arseneault<br>Sample Date: 09/06/17<br>Received Date: 09/12/17<br>Completed: 09/13/17<br>Gaston Arseneault<br>gaston.arseneault@hollyfrontier.com |

Recommendation: The oil condition is consistent with previous samples. Nothing is flagged whatsoever. No immediate action is required at this time. Re-sample at next normal 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     | %             |
| 09/06/17      | 09/12/17      | 4.0y      | MAIN SYSTEM FLOW    | 410 / 210         | 14.4       | 30.1             | 0.238       | 0.039  | 697 / 369 | 794 / 424 | 892 / 478 | 1.56          |
| 05/14/16      | 05/24/16      | 0.0y      | MAIN SYSTEM FLOW    | 410 / 210         | 5.6        | 30.5             | 0.248       | 0.042  | 699 / 371 | 796 / 424 | 882 / 472 | 1.28          |
| 04/15/15      | 05/07/15      | 0.0y      | MN FLOW/MN SYS PUMP | 442 / 228         | 5.0        | 30.5             | 0.14        | 0.305  | 703 / 373 | 799 / 426 | 896 / 480 | 0.48          |
| Baseline Data |               |           |                     | 435 / 224         |            | 32.7             | 0.03        |        | 693 / 367 | 790 / 421 | 887 / 475 | 2.5           |

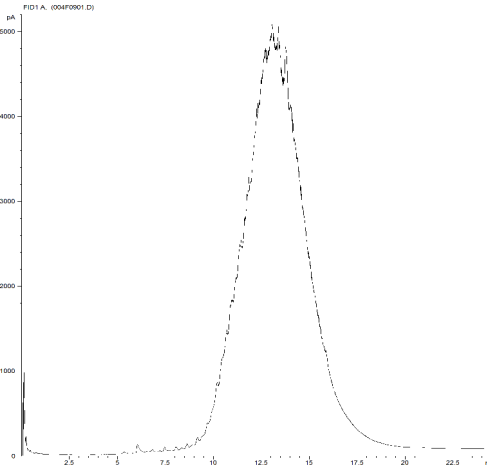




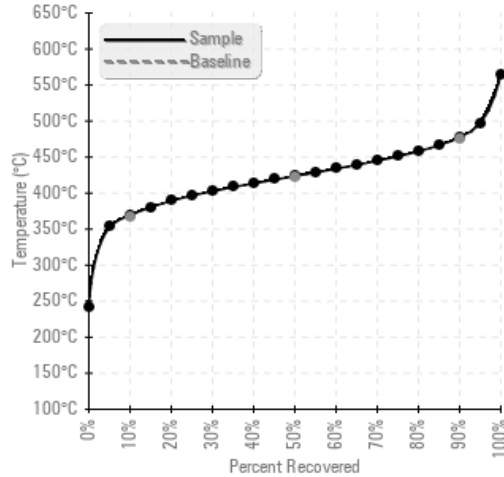
| Sample Date   | Iron | Chromium | Nickel | Aluminum | Copper | Lead | Tin | Cadmium | Silver | Vanadium | Silicon | Sodium | Potassium | Titanium | Molybdenum | Antimony | Manganese | Lithium | Boron | Magnesium | Calcium | Barium | Phosphorus | Zinc |
|---------------|------|----------|--------|----------|--------|------|-----|---------|--------|----------|---------|--------|-----------|----------|------------|----------|-----------|---------|-------|-----------|---------|--------|------------|------|
| 09/06/17      | 12   | 0        | 0      | 0        | 0      | 0    | 0   | 0       | 0      | 0        | 0       | 0      | 0         | 0        | 0          | 0        | 0         | 0       | 0     | 0         | 0       | 0      | 58         | 0    |
| 05/14/16      | 14   | 0        | 0      | 0        | 0      | 0    | 0   | 0       | 0      | 0        | 0       | 0      | 0         | 0        | 0          | 0        | 0         | 0       | 0     | 0         | 0       | 0      | 61         | 0    |
| 04/15/15      | 19   | 0        | 0      | 0        | 0      | 0    | 0   | 0       | 0      | 0        | 2       | 0      | 0         | 0        | 0          | 0        | 0         | 0       | 0     | 0         | 0       | 0      | 73         | 0    |
| Baseline Data |      |          | 0      | 0        |        |      |     |         |        | 0        |         |        | 0         | 0        |            |          |           |         | 0     |           |         |        | 270        |      |

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

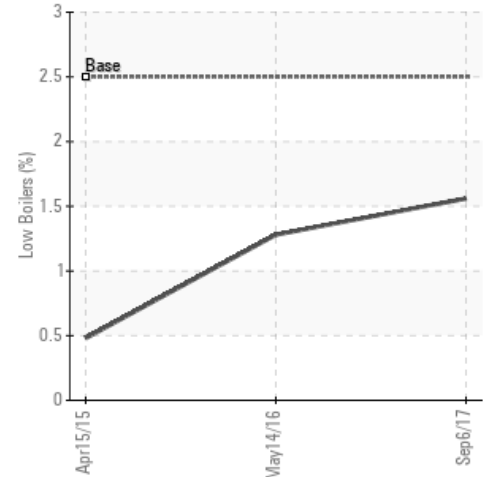
GCD Spectrum



Gas Chromatography Distillation



% Boiling < 335°C



Historical Comments

|          |   |
|----------|---|
| 05/14/16 | Sample looks good and fit for further service. Resample next interval to monitor.   |
| 04/15/15 | Pentane insoluble level is at 0.305% and higher than a typical used oil sample of <0.05%. Continue to monitor and the condemning limit is >0.5%. All other properties are within normal ranges. |
|          |   |
|          |   |

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