



CLEAVER BROOKS (BOILER ROOM)

Customer: PTRHTF30020
 IKO INDUSTRIES HAWKESBURY
 1451 SPENCE ROAD
 HI-PARTS-HAWK YARD
 HAWKESBURY, ON K6A 3T4 Canada
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System Information
 System Volume: 10000 ltr
 Bulk Operating Temp: 491F / 255C
 Heating Source:
 Blanket:
 Fluid: PETRO CANADA PETRO-THERM
 Make: CLEAVER BROOKS

Sample Information
 Lab No: 02306973
 Analyst: Pierre Castagne
 Sample Date: 08/26/19
 Received Date: 09/09/19
 Completed: 09/24/19
 Pierre Castagne
 pierre.castagne@petrocanadalsp.com

Recommendation: The sample is OK for continuous use, resample at the next sample date

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 | % |
| 08/26/19 | 09/09/19 | 10y | | 432 / 222 | 20.3 | 35.2 | 0.160 | 0.099 | 716 / 380 | 799 / 426 | 892 / 478 | 0.00 |
| Baseline Data | | | | 433 / 223 | | 34.2 | 0.03 | | 720 / 382 | 817 / 436 | 900 / 482 | 1.00 |



