

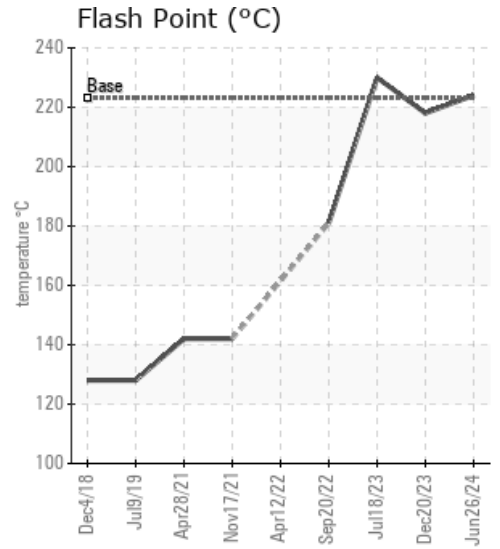
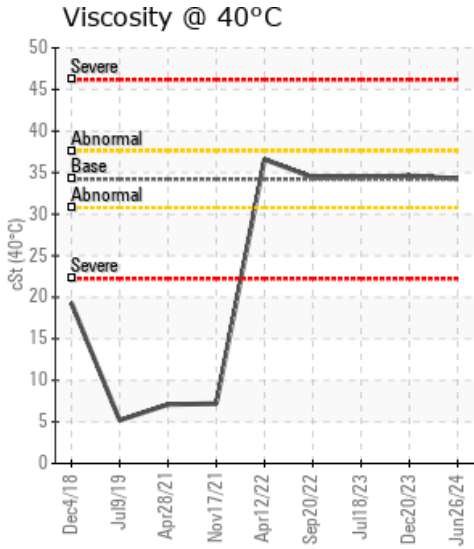
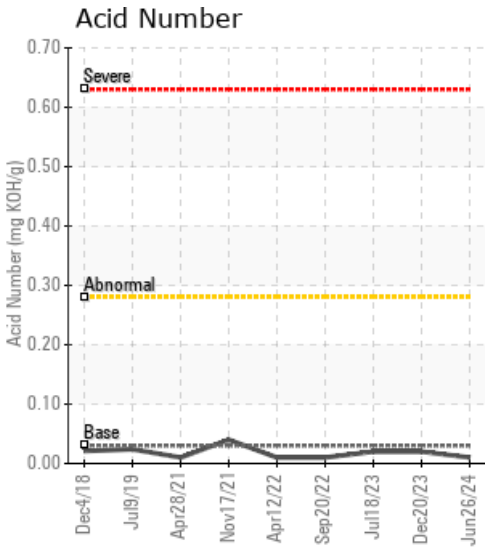
H-30

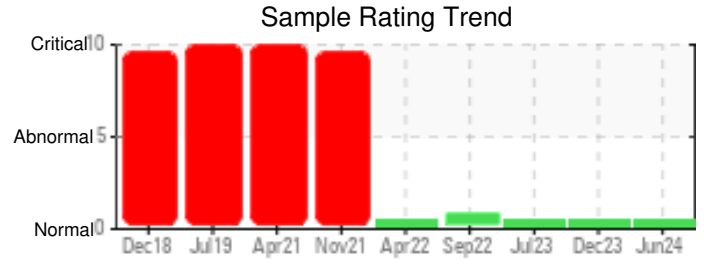
| Customer: PTRHTF20208 | System Information | Sample Information |
|--|---|---|
| Plains Midstream Canada PO Box 3210 Range Road 221 Fort Saskatchewan, AB T8L 2T2 CA Attn: David Eastman Tel: E-Mail: | System Volume: 1000 ml Bulk Operating Temp: 482F / 250C Heating Source: Blanket: Fluid: PETRO CANADA PETRO-THERM Make: | Lab No: 02645058 Analyst: Terry Veenstra Sample Date: 06/26/24 Received Date: 07/02/24 Completed: 07/03/24 Terry Veenstra terry.veenstra@HFSinclair.com |

Recommendation: Sample indicates that oil is in good condition and suitable for further use. Resample in 6 months.

Comments:

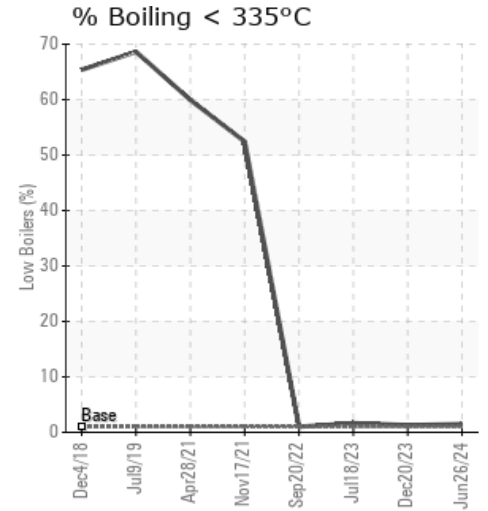
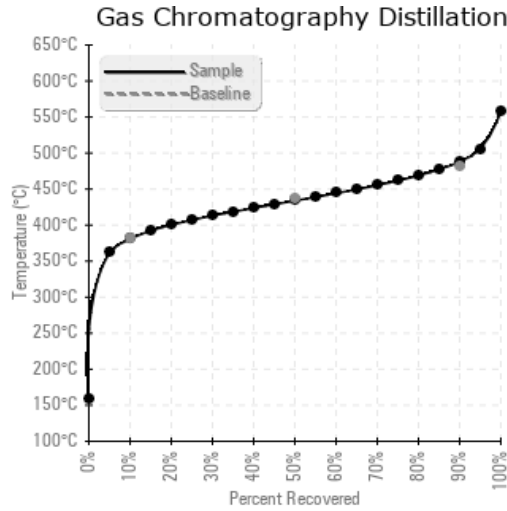
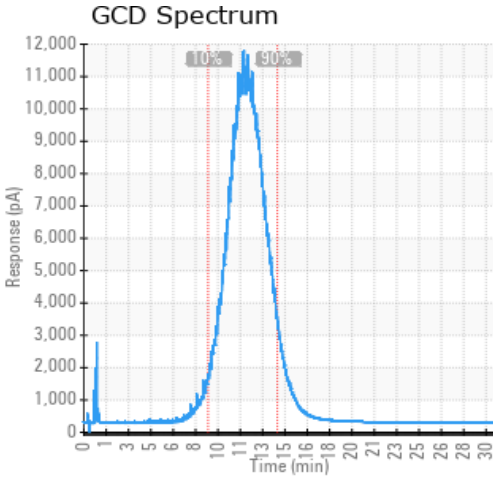
| Sample Date | Received Date | Fluid Age | Sample Location | Flash Point (COC) | Water (KF) | Viscosity (40°C) | Acid Number | Solids | GCD 10% | GCD 50% | GCD 90% | GCD % < 335°C |
|---------------|---------------|-----------|----------------------|-------------------|------------|------------------|-------------|--------|-----------|-----------|-----------|---------------|
| | mm/dd/yy | | | °F/°C | ppm | cSt | mg/KOH/g | %wt | °F/°C | °F/°C | °F/°C | % |
| 06/26/24 | 07/02/24 | 12.0m | after filtering syst | 435 / 224 | 9 | 34.3 | 0.01 | 0.017 | 717 / 381 | 813 / 434 | 911 / 488 | 1.48 |
| 12/20/23 | 12/27/23 | 7.0m | after siltering syst | 424 / 218 | 57 | 34.6 | 0.02 | 0.156 | 724 / 385 | 814 / 435 | 910 / 488 | 1.30 |
| 07/18/23 | 07/27/23 | 0.0m | after filtering syst | 446 / 230 | 69.2 | 34.5 | 0.02 | 0.031 | 725 / 385 | 815 / 435 | 909 / 487 | 1.66 |
| 09/20/22 | 09/26/22 | 0.0m | AFTER FILTERING | 358 / 181 | 119.9 | 34.4 | 0.01 | 0.070 | 729 / 387 | 815 / 435 | 908 / 487 | 1.01 |
| 04/12/22 | 04/18/22 | 0.0m | after filtering syst | | 333.5 | 36.6 | 0.01 | 0.035 | | | | |
| Baseline Data | | | | 433 / 223 | | 34.2 | 0.03 | | 720 / 382 | 817 / 436 | 900 / 482 | 1.00 |





| 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 | |
|---------------|------|----------|--------|----------|--------|------|-----|---------|--------|----------|---------|--------|-----------|----------|------------|----------|-----------|---------|-------|-----------|---------|--------|------------|------|---|
| 06/26/24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| 12/20/23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07/18/23 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| 09/20/22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 04/12/22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baseline Data | | | 0 | 0 | | | | | | 0 | | | 0 | 0 | | | | | 0 | | | | 0 | | |

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



Historical Comments

| | |
|----------|---|
| 12/20/23 | This samples indicates that the oil is in good condition and suitable for continued use. Resample in 6 months. |
| 07/18/23 | Sample indicates that oil is in good condition and suitable for further use. Resample in 6 months. |
| 09/20/22 | This samples indicates that the oil is in good condition and suitable for continued use. Resample in 6 months. COC Flash Point is marginally low. |
| 04/12/22 | *** GCD analysis and Flash Point could not be performed because of the high water content in the sample ***Excessive amounts of water in sample. Check sample point to ensure the sample is representative of the fluid in the system. Viscosity of fluid indicates this is now new Petro-Therm. Vent system to eliminate and water vapors. Excessive free water present. |

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