

POWDER SLUSH HOT OIL

Customer: PTRHTF30023
 INOAC INTERIOR SYSTEMS
 575 JAMES STREET SOUTH
 ST MARYS, ON N4X 1B9 Canada
 Attn: Brent Dietrich
 Tel: (519)808-0372
 E-Mail: bdietrich@inoacusa.com

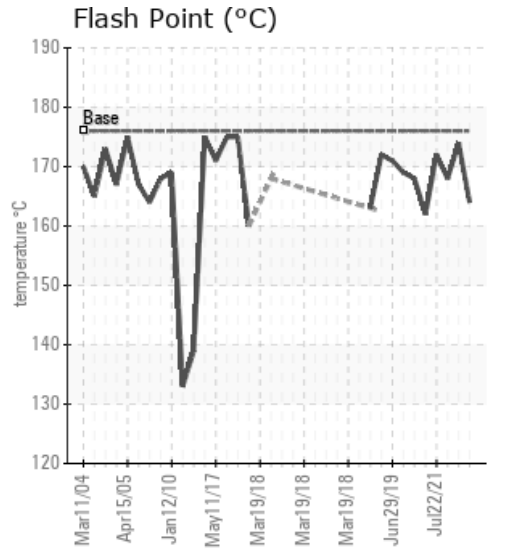
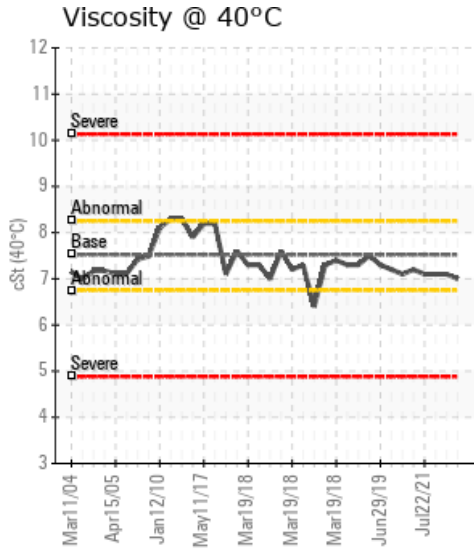
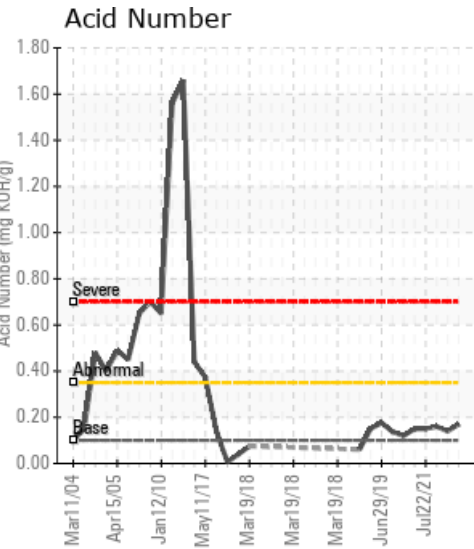
System Information
 System Volume: 14000 ltr
 Bulk Operating Temp: 500F / 260C
 Heating Source:
 Blanket:
 Fluid: PETRO CANADA CALFLO LT
 Make: BP&R CONSTRUCTION

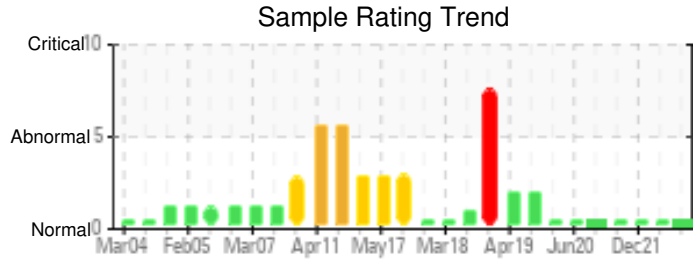
Sample Information
 Lab No: 02531588
 Analyst: Yen Garcia
 Sample Date: 12/23/22
 Received Date: 01/05/23
 Completed: 01/26/23
 Yen Garcia
 yen.garcia@HFSinclair.com

Recommendation: All sample test results are within specs. Please, keep monitoring.

Comments:

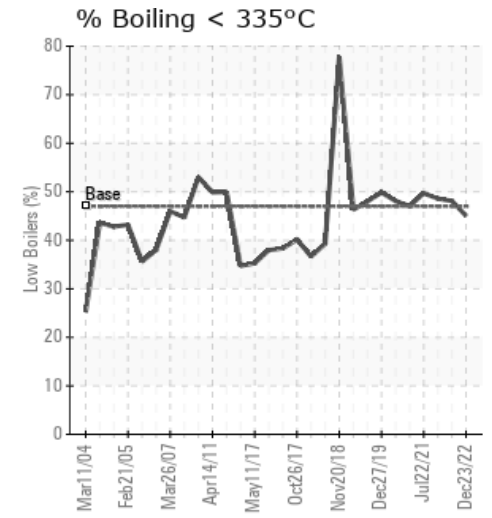
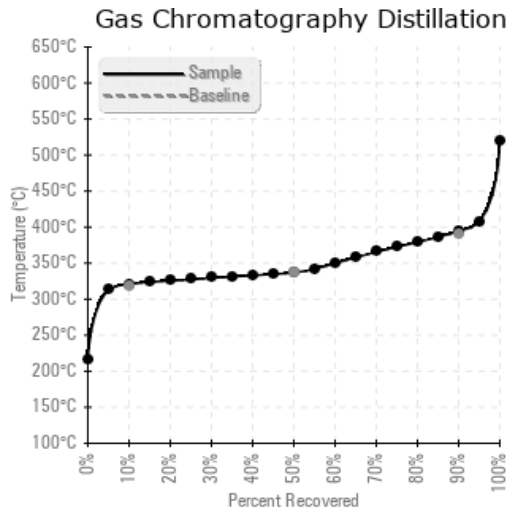
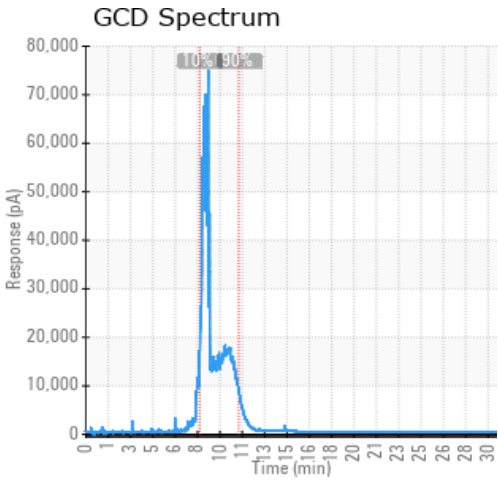
| Sample Date | Received Date | Fluid Age | Sample Location | Flash Point (COC) | Water (KF) | Viscosity (40°C) | Acid Number | Solids | GCD 10% | GCD 50% | GCD 90% | GCD % < 335°C |
|----------------------|---------------|-----------|-----------------|-------------------|------------|------------------|-------------|--------|-----------|-----------|-----------|---------------|
| | mm/dd/yy | | | °F/°C | ppm | cSt | mg/KOH/g | %wt | °F/°C | °F/°C | °F/°C | % |
| 12/23/22 | 01/05/23 | 0.0h | HOT OIL RETURN | 327 / 164 | 13.5 | 7 | 0.17 | 0.054 | 609 / 321 | 638 / 337 | 742 / 394 | 45.04 |
| 08/02/22 | 08/08/22 | 0.0h | | 345 / 174 | 26.1 | 7.1 | 0.14 | 0.318 | 607 / 320 | 636 / 335 | 739 / 393 | 48.11 |
| 12/24/21 | 01/07/22 | 0.0h | | 334 / 168 | 7.5 | 7.1 | 0.16 | 0.027 | 606 / 319 | 636 / 336 | 739 / 393 | 48.57 |
| 07/22/21 | 07/23/21 | 0.0h | | 342 / 172 | 19.9 | 7.1 | 0.15 | 0.102 | 606 / 319 | 635 / 335 | 736 / 391 | 49.69 |
| 11/26/20 | 12/03/20 | 0.0h | | 324 / 162 | 18.4 | 7.2 | 0.15 | 0.052 | 608 / 320 | 637 / 336 | 737 / 392 | 47.03 |
| Baseline Data | | | | 349 / 176 | | 7.52 | 0.1 | | 604 / 318 | 640 / 338 | 734 / 390 | 47.0 |





| 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 |
|---------------|------|----------|--------|----------|--------|------|-----|---------|--------|----------|---------|--------|-----------|----------|------------|----------|-----------|---------|-------|-----------|---------|--------|------------|------|
| 12/23/22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101 | 0 |
| 08/02/22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93 | 0 |
| 12/24/21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 |
| 07/22/21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 106 | 0 |
| 11/26/20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81 | 0 |
| Baseline Data | | | 0 | 0 | | | | | | 0 | | | 0 | 0 | | | | 0 | 0 | | | | 270 | |

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



| Historical Comments | |
|---------------------|---|
| 08/02/22 | No action needed at this time. |
| 12/24/21 | Sample results indicate that the fluid is suitable for continue use. Please, sample at the next appropriate interval (6 to 9 months). No action needed at this time. |
| 07/22/21 | Current heat transfer fluid Calflo LT sample for the Hot Oil system indicates no issues. All performance parameters such as Viscosity, Total Acid Number (TAN), Flash Point, GCD, and Pentane Insolubles are typical for a heat transfer fluid in service. Calflo LT is suitable for continued service. Resample at the next interval (6 - 9 months). |
| 11/26/20 | Current sample is consistent with used Calflo LT. Flash point slightly low, but GCD data does not indicate any increase in low boilers. Fluid is suitable for continued use, sample at next interval. |

Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.