Who, What, When, Where, Why, How?

- What is CrudeMonitor
- Why it Exists
- Who is Involved
- How it Works
- Where it Happens

- Website Analytics
- Special Services
This site was established, and is maintained, in the interest of **communicating data** and information pertaining to the quality of western Canadian crudes as well as quality issues faced by the industry at large. We are committed to providing information that is **current and dependable**, and relevant to existing and anticipated industry needs.
What is CrudeMonitor?

Conventional Heavy

Description and Comments

Time Trending

Monthly Analysis

Export Tools
What is CrudeMonitor?

- HTSD
- Mini-Assay
- DHA
What is CrudeMonitor?

**Condensate**
- Density (kg/m³): 659 - 759
- Gravity (°API): 55 - 84
  - Cochin Condensate (CHN)
  - Condensate Blend (CRW)
  - Fort Saskatchewan Condensate (CFT)
  - Peace Condensate (CPR)
  - Pembina Condensate (CPM)
  - Rangeland Condensate (CRL)
  - Southern Lights Diluent (SLD)

**MSW Feeder**
- Density (kg/m³): 615 - 826
- Gravity (°API): 39 - 42
  - Federated (FD)
  - Peace (WPR)
  - Pembina (P)

**Light Sweet**
- Density (kg/m³): 818 - 825
- Gravity (°API): 40 - 42
  - Mixed Sweet Blend (MSW)
  - Rainbow (RA)

**Heavy Sour - Dilsynbit**
- Density (kg/m³): 935 - 936
- Gravity (°API): 19 - 20
  - Albian Heavy Synthetic (AHS)

**Sweet Synthetic**
- Density (kg/m³): 835 - 868
- Gravity (°API): 31 - 38
  - CNRL Light Sweet Synthetic (CSS)
  - Husky Synthetic Blend (HSS)
  - Long Lake Light Synthetic (PLL)
  - Premium Albian Synthetic (PAS)
  - Shell Synthetic Light (SSL)
  - Suncor Synthetic A (SSA)
  - Syncrude Sweet Premium (SSP)

**Light Sour**
- Density (kg/m³): 823 - 847
- Gravity (°API): 35 - 41
  - BC Light (BCL)
  - Boundary Lake (BDY)
  - Gibson Light Sour (GLS)
  - Koch Alberta (CAL)
  - Moose Jaw Tops (MJT)
  - Pembina Light Sour (PLS)

**Heavy Sour - Synbit**
- Density (kg/m³): 930 - 938
- Gravity (°API): 19 - 21
  - Long Lake Heavy (LHL)
  - Statoil Cheekam Synbit (SCS)
  - Surmont Heavy Blend (SHB)

**Pooled Crudes - ex Superior**
- Density (kg/m³): 831 - 932
- Gravity (°API): 20 - 39
  - Conventional Heavy (CHV)
  - Hardisty Synthetic Condensate (HSC)
  - Light Sour Blend (LSB)
  - Medium Sour Blend (MSB)
  - Premium Conventional Heavy (PCH)
  - Premium Synthetic (PSY)
  - Synbit Blend (SYB)
  - Synthetic Sweet Blend (SYB)

**Medium Sour**
- Density (kg/m³): 839 - 874
- Gravity (°API): 30 - 37
  - Hardisty Light (MLB)
  - Medium Gibson Sour (MGS)
  - Midale (MSM)
  - Peace Pipe Sour (PPR)

**Heavy Low Resid**
- Density (kg/m³): 937 - 958
- Gravity (°API): 19 - 20
  - Suncor Synthetic H (OSH)

**Heavy Sour - Conventional**
- Density (kg/m³): 916 - 933
- Gravity (°API): 20 - 23
  - Bow River North (BRN)
  - Bow River South (BRS)
  - Forteston (F)
  - Lloyd Blend (LLB)
  - Lloyd Kerrobert (LLK)
  - Seal Heavy (SH)
  - Smiley-Coleville (STC)
  - Wabasca Heavy (WH)
  - Western Canadian Blend (WCB)

**Heavy Sour - Unconventional**
- Density (kg/m³): 920 - 929
- Gravity (°API): 20 - 22
  - Access Western Blend (AWB)
  - Boreal Heavy Blend (BHB)
  - Christina Dilbit Blend (CDB)
  - Cold Lake (CL)
  - Keer Lake (KDB)
  - Statoil Cheekam Blend (SCS)
  - Western Canadian Select (WCS)
What’s Changed

Recent changes include
- The addition of DHA for select streams
- Merged simulated distillation
- New crude streams
- Shorter time to public posting

Planned changes include
- Additional new crude streams
- Assay management export

Way out there
- Data input box for users
Why does CrudeMonitor Exist?

- Originally to chronicle disparities created by blending
- Protect producers’ netbacks from specific situational analysis
- Taking on new roles in environmental, research, and engineering
Who is Involved?

- Maintained by Crude Quality Inc.
- Oversight Committee comprised of any industry members wishing to provide input
- Industry Technical Committee who manage funding
- Lab analysis performed by Maxxam Analytics
- Pipeline support and cooperation
Where it Happens?
How CrudeMonitor Works?

Plan and review test schedule for following year with Oversight Committee. Approve budget with ITC.

Sample cans distributed to numerous locations across Western Canada and Superior WI. Samples then shipped back to Edmonton for analysis at Maxxam.

Once Testing is complete, the data is reviewed by CQI before being posted to the Internet.

Industry members provide feedback on potential changes and additions.
Website Analytics

- 1 Day Active Users: 130
- 7 Day Active Users: 500
- 14 Day Active Users: 952
- 30 Day Active Users: 1,983
Website Analytics

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<th>% of Total: 100.00% (3,647)</th>
<th>Contribution to total: Sessions</th>
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<td>10.47%</td>
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<td>1.97%</td>
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Special Services

- Custom export reports
- New crudes

Give Us Feedback

- Website errors
- Let us know what you would like available on CrudeMonitor
Questions?

Crude Monitor
BRINGING THE CRUDE OIL INDUSTRY TOGETHER WITH DATA.

Crude Quality Inc.
SPECIALIZING IN CRUDE OIL QUALITY ISSUES.