

# COQG – CRUDE BRANDING DATA POOL

## CRUDE CHARACTERISTICS FORM – General Properties

Crude:  Crude Type:

Data Source:  Sample Date:   single  average of  
[MM-DD-YY] data pt.  samples

Location:   
(ex. Edmonton)

### TABLE 1:

Density (kg/m<sup>3</sup>):  Sulfur (wt%):  MCR (wt%):  (whole)

API Gravity (degree):  TAN (mgKOH/g):  MCR (wt%):  (resid)

Light Ends (vol%)

C<sub>3</sub>:  C<sub>4</sub>:  C<sub>5</sub>:  C<sub>6</sub>:

### TABLE 2:

Nickel:   mg/L  ppmw Salt:   ptb  ppmw

Iron:   mg/L  ppmw Sediment (ppmw):

Vanadium:   mg/L  ppmw

### TABLE 3:

RVP:   kPa  PSI Arsenic:   mg/L  ppmw

Pour Point:   °C  °F Mercury:   mg/L  ppmw

Nitrogen total (ppmw):

### Viscosity (cSt):

@   °C  °F  @   °C  °F

@   °C  °F VacResid Viscosity  @   °C  °F (spec temp.)

VacResid Viscosity Cut Point   °C  °F

### TABLE 4:

Selenium:   mg/L  ppmw Asphaltenes (wt%):

Copper:   mg/L  ppmw Mercaptan Sulphur (ppmw):

Sodium:   mg/L  ppmw

Manganese:   mg/L  ppmw

### COMMENTS:

Submit by Email

## List of Crude Streams

1. Albion Heavy Blend, AHS
2. Albion Residual Blend, ARB
3. Bow River North, BRN
4. Bow River South, BRS
5. Cold Lake, CL
6. Condensate Blend, CRW
7. Fosterton, F
8. Husky Synthetic Blend, HSB
9. Kerrobert Blend Sweet, SW, KSW
10. Light Sour Blend, LSB
11. Lloyd Blend, LLB
12. Lloyd Kerrobert, LLK
13. Midale, M, MSM
14. Mixed Sour Blend, SO, MSO
15. Mixed Blend Sweet, MSW, SW
16. Premium Albion Synthetic, PAS
17. Premium Newgrade Synthetic, NSA
18. Seal Heavy, SH
19. Edmonton High Sour, SHE
20. Shell Sweet Synthetic, SSX
21. Edmonton Low Sour, SLE
22. Smiley-Coleville Heavy, SC
23. Suncor-OCC, OCC
24. Suncor-OSA, OSA
25. Suncor-OSH, OSH
26. Suncor-OSS, OSS
27. Syncrude Synthetic, SYN, SSB
28. Wabasca Heavy, WH
29. Western Canadian Blend, WCB
30. Western Canadian Select, WCS

**Please include name, sample date, sample location, and units for all test results**

TABLE 1

- |  |  |
|--|--|
| <input type="checkbox"/> Density or API  | <input type="checkbox"/> MCR, whole crude                                |
| <input type="checkbox"/> TAN   | <input type="checkbox"/> MCR, resid only                                 |
| <input type="checkbox"/> Sulfur  | <input type="checkbox"/> Light Ends, C <sub>3</sub> s x C <sub>6</sub> s |
| <input type="checkbox"/> High Temperature Simulated Distillation (HTSD) or True Boiling Point Distillation (TBP) |  |
| <input type="checkbox"/> Indicate ASTM test method   |  |
| <input type="checkbox"/> report results using standardized cut points indicated on cover letter                  |  |

TABLE 2

- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| <input type="checkbox"/> Nickel   | <input type="checkbox"/> Salt     |
| <input type="checkbox"/> Iron     | <input type="checkbox"/> Sediment |
| <input type="checkbox"/> Vanadium |                                   |

TABLE 3

- |   |                                     |
|---|-------------------------------------|
| <input type="checkbox"/> RVP  | <input type="checkbox"/> Pour Point |
| <input type="checkbox"/> Arsenic  | <input type="checkbox"/> Nitrogen   |
| <input type="checkbox"/> Mercury  |                                     |
| <input type="checkbox"/> Viscosity at three temperatures (T <sub>1</sub> , T <sub>2</sub> , and T <sub>3</sub> , in °F or °C) |                                     |
| <input type="checkbox"/> VacResid Viscosity at one temperature, in °F or °C   |                                     |
| <input type="checkbox"/> VacRes viscosity cut point, in °F or °C  |                                     |

TABLE 4

- |                                   |   |
|-----------------------------------|---|
| <input type="checkbox"/> Selenium | <input type="checkbox"/> Manganese        |
| <input type="checkbox"/> Copper   | <input type="checkbox"/> Asphaltenes      |
| <input type="checkbox"/> Sodium   | <input type="checkbox"/> Mercaptan Sulfur |