

| SWAN HILLS PIPELINE PETROLEUM SPECIFICATIONS Effective : May 01, 2022 | Units | Test Method | SWEET CRUDE |
|---|-------------------|----------------------------|--|
| Absolute Density at 15°C | kg/m ³ | ASTM D5002 | 876-799 |
| Vapour Pressure (VPCR₄ @ 37.8°C) | kPaa | ASTM D6377 | May 1 to Oct 31 ◀85 Nov 1 to Apr 30 ◀95 |
| Receipt Temperature | °C °C | | 40 (max.) 0.0 (min.) |
| Moisture and Contaminant Content ^{(1) (2)} | vol% | ASTM D4007 | ◀ 0.5 |
| Colour | | ASTM D1500 | ◀ 8.0 |
| PH of Contained Water ⁽²⁾ | | | ▶ 5.0 & ◀ 7.0 |
| Total Sulphur | wt% | ASTM D4294 | ◀ 0.5 |
| Organic Chlorides in the Whole Crude | wppm | ASTM D4929 | ◀ 1 |
| Hydrogen Sulphide in the Liquid Phase | wppm S | ASTM D5623 | ◀ 100 ⁽³⁾ |
| Olefins, Total | wt% | H NMR | ◀ 1 |
| Phosphorous in Volatile Fraction | wppm | ICP AES D86 (250°C cut) | ◀1.0 |
| Total Salt | g/m3 | | ◀ 285 |
| Viscosity @ 10.0 °C | cSt | ASTM D7042 | ◀20 |
| NOTES: | | | |
| 1. Contaminant content means all non-hydrocarbon materials excluding Nitrogen and Carbon Dioxide. | | | |
| 2. No free water at -29°C. | | | |
| 3. Guideline only. | | | |
| The symbol "◀" designates less than and "▶" designates greater than. | | | |