

DRAYTON VALLEY PIPELINE PETROLEUM SPECIFICATIONS Effective: October 01, 2023	Units	Test Method	HIGH SULPHUR CRUDE	SWEET CRUDE
Absolute Density at 15°C	kg/m ³	ASTM D5002	876-799	876-799
Vapour Pressure (VPCR₄ @ 37.8°C)	kPaa	ASTM D6377	May 1 to Oct 31 ◀85 Nov 1 to Apr 30 ◀95	May 1 to Oct 31 ◀85 Nov 1 to Apr 30 ◀95
Receipt Temperature	°C °C		40 (max.) 0.0 (min.)	40 (max.) 0.0 (min.)
Moisture and Contaminant Content ^{(1) (2)}	vol%	ASTM D4007	◀ 0.5	◀ 0.5
Colour		ASTM D1500	◀8.0	◀8.0
PH of Contained Water ⁽²⁾			▶ 5.0 & ◀ 7.0	▶ 5.0 & ◀ 7.0
Total Sulphur	wt%	ASTM D4294	▶ 0.5	◀ 0.5
Organic Chlorides in Whole Crude	wppm	ASTM D4929	◀ 1	◀ 1
MCR	wt%	ASTM D4530	◀ 4.5	
TAN	mgKOH/g	ASTM D664	◀ 0.5	
Nickel	mg/L	ASTM D5708-05	◀ 33	
Vanadium	mg/L	ASTM D5708-05	◀ 75	
Hydrogen Sulphide in the Liquid Phase	wppm	ASTM D5623	◀ 100 ⁽³⁾	◀ 100 ⁽³⁾
Olefins, Total	wt%	H NMR	◀ 1	◀ 1
Phosphorous in Volatile Fraction	wppm	ICP AES D86 (250°C cut)	◀1.0	◀1.0
Total Salt	g/m3		◀ 285	◀ 285
Viscosity @ 10.0 °C	cSt	ASTM D7042	◀20	◀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				