

Effective Date: 4/1/2024

Chisholm Pipeline Company

**Chisholm Pipeline
Natural Gas Liquids Specifications**

Current Publication Date: 3/28/2024

Previous Publication Date: 11/1/2019

Revision Notes:

The specifications were updated as follows:

Updated Effective Date

Effective Date: 4/1/2024

Chisholm Pipeline Company

Destinations:

Conway, KS

Trac66 Code(s):

NY1

Chisholm Pipeline Natural Gas Liquids Specifications

NGL, Demethanized NGL Mix (Y-1 Grade)

Property	Test Method	Units	Min	Max	Specific	Note#
Composition (Comp.)- See Below	GPA-2186	lv%				
Comp.- Carbon Dioxide, lv% of Ethane	GPA-2186	lv%		.35		
Comp.- Methane, lv% of Total lv%	GPA 2186	lv%		.50		1
Comp.- Methane, lv% of Ethane lv%	GPA-2186	lv%		1.50		1
Comp.- Ethane, lv% of Total lv%	GPA-2186	lv%	report			
Comp.- Aromatics, lv% of C ₅ + lv%	GPA-2186	lv%		10.0		
Comp.- Olefins, lv% of Total lv%	GPA-2186	lv%		1.0		2
Vapor Pressure	ASTM D1267 or D2598 @ 100°	psig		600		3
Corrosion, Copper Strip	ASTM D1838 @ 100°F for 1 hr	Rating		1		4
Sulfur, Total	ASTM D2784 or D5623	ppmw		150		
Sulfide, Hydrogen (H ₂ S)	ASTM D2420		pass (neg)			
Sulfide, Carbonyl (COS), in Propane	ASTM D5623	ppmw		10		
Distillation- End Pt.	ASTM D2887 or D86	Deg F		375		5
Color, Saybolt	ASTM D6045 or D156		+27			6
Moisture Content- Free Water	Visual @ 34°F			None		
Halides (Including Fluorides)	ASTM D7359	ppmw		1		
Oxygenates- Methanol	ASTM D7423	ppmw		200		7
Product Temperature		Deg F	40	100	<65 mole% C ₂	
Product Temperature		Deg F	40	90	>65 mole% C ₂	
Other Deleterious Substances	Inspection		see note			7
Test Methods	See Note					8
Most Current Version	See Note					9

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Notes:

1. Includes Nitrogen and Oxygen.
2. Propylene limited to 5.0 lv% max of contained propane, butylene limited to .35 lv% max of contained butanes, and butadiene limited to .01 lv% max of contained butanes.
3. The referee method for this property is ASTM D2598.
4. The use of corrosion masking agents (corrosion inhibitors) is strictly prohibited.
5. This test is to be run on that portion of the mixture having a boiling point of 70F and greater at atmospheric pressure.
6. The referee method for this property is ASTM D156. This test is to be run on that portion of the mixture having a boiling point of 70F and greater at atmospheric pressure.
7. This specification defines only a basic purity for this product. This product is to be free of any contamination or impurities that might render the product unusable for its commonly used applications, or may be injurious to the pipeline's property or the property of 3rd parties, or may interfere with its transmission through the pipeline. Specific contaminants include (but are not limited to) dirt, rust, scale, and other types of solid contaminants, gum, gum-producing substances, oil, inhibitors, masking agents, scavengers, amines, caustics, chlorides, heavy metals, glycol, oxygenates, and inorganic gases or any compound added to enhance the ability to meet these specifications.
8. Test methods designated with the letter "D" are ASTM test methods. The most recent year revision shall be used.
9. The most current version of this specification can be found on the Phillips 66 Midstream website, www.phillips66midstream.com.