

**TRUCKED IN PRODUCT SPECIFICATIONS
GEISMAR FRACTIONATOR**

Acceptable Product shall be a mixture of constituents or component products of natural gas liquids (NGLs) and other light hydrocarbons and may be composed at some percentage of ethane, propane, propylene, butane and natural gasoline, meeting the following product specifications:

CHARACTERISTIC	PRODUCT SPECIFICATIONS	TEST METHOD
Composition: Normal Butane, L.V. %, maximum Hexanes plus, L.V. %, maximum	25 50	GPA 2177
Hydrogen sulfide: PPM by weight, maximum	15	ASTM D-5504
Chlorine or Fluorine PPM by weight, maximum	20	ASTM D-7359
Total Mercaptans PPM by weight, maximum	100	ASTM D-5504
Phase-separated oil	None	Visual Inspection
Color: Saybolt Number, minimum	+10	ASTM D-6045
Dryness: Free Water, glycol or amine at 34° F	None	Visual Inspection
Copper strip corrosion at 100°F	No. 2A	ASTM D-1838

General Contaminants Note: The Product shall be commercially free from sand, dust, gums, gum-producing substances, oil, glycol, inhibitors, amine, caustics, chlorides, oxygenates, heavy metals, any other contaminants that make it unfit for its commonly used applications and any compound added to the product to enhance the ability to meet these specifications.

Abbreviations: **ASTM** = American Society for Testing and Materials, Standard Test Procedures; ° **F** = Degrees Fahrenheit; **GPA** = Gas Processors Association; **L.V. %** = liquid volume percent; **PPM** = Parts per Million; **wt. %** = percentage by weight.

The aforementioned specifications may be modified from time to time in the sole discretion of the issuing entity.