

***BUTANE MIX***

<b>COMPONENT CHARACTERISTIC</b>	<b>OR</b>	<b>ALLOWABLE</b>	<b>TEST METHOD</b>
Normal Butane		60% liquid volume, typical	ASTM D2163
Isobutane		7% liquid volume, typical	ASTM D2163
Propane, Propylene & Lighter		0.5% liquid volume, typical	ASTM D2163
Butenes		40% liquid volume, typical	ASTM D2163
Butadiene		1% liquid volume, typical	ASTM D2163
Pentanes & Heavier		0.5% liquid volume, typical	ASTM D2163
Total Sulfur		70 ppm by weight, maximum	ASTM D5504
Vapor Pressure		60 psig, maximum	ASTM D2598
Free Water		None	Visual
Corrosion @ 100 °F		No. 1 Copper Strip, maximum	ASTM D1838
Total Oxygenates		50 ppm by weight, maximum	UOP 845

***ISOBUTANE MIX***

<b>COMPONENT CHARACTERISTIC</b>	<b>OR</b>	<b>ALLOWABLE</b>	<b>TEST METHOD</b>
Isobutane		85% liquid volume, typical	ASTM D2163
Propane, Propylene & Lighter		2% liquid volume, typical	ASTM D2163
Butenes		12% liquid volume, typical	ASTM D2163
Butadiene		1% liquid volume, typical	ASTM D2163
Pentanes & Heavier		0.5% liquid volume, typical	ASTM D2163
Total Sulfur		140 ppm by weight, maximum	ASTM D5504
Vapor Pressure		74 psig, maximum	ASTM D2598
Free Water		None	Visual
Corrosion @ 100 °F		No. 1 Copper Strip, maximum	ASTM D1838

***PENTANE PLUS MIX***

<b>COMPONENT OR CHARACTERISTIC</b>	<b>ALLOWABLE</b>	<b>TEST METHOD</b>
Pentanes and Heavier	97% liquid volume, typical	ASTM D2163
Butanes and Lighter	3% liquid volume, typical	ASTM D2163
Total Olefins	35% liquid volume, typical	ASTM D5134
Total Sulfur	2000 ppm by weight, typical	ASTM D4294
Vapor Pressure (DVPE)	13.5 PSIA, typical	ASTM D5190
Free Water	None	Visual
Corrosion @ 100 °F	No. 1 Copper Strip, maximum	ASTM D1838
<b>DISTILLATION:</b>		
Temperature @		
25% Evaporation	140 °F, Maximum	ASTM D86
90% Evaporation	275 °F, Maximum	ASTM D86
End Point	375 °F, Maximum	ASTM D86