



# HYDROCARBON PROCESSING REFINERY

| TYPICAL REFINERY GAS STANDARDS CAN INCLUDE ANY OF THE FOLLOWING COMPONENTS.<br>CONTACT YOUR WESTAIR REPRESENTATIVE FOR MORE INFORMATION |                  |
|---|------------------|
| ARGON   | n-HEPTANE        |
| BENZENE   | HYDROGEN SULFIDE |
| 1,3-BUTADIENE   | ISOBUTANE        |
| n-BUTANE  | ISOBUTYLENE      |
| cis-2-BUTENE  | ISOPENTANE       |
| trans-2-BUTENE  | ISOPRENE         |
| 1-BUTENE  | METHANE          |
| CARBON DIOXIDE  | 2-METHYLPENTANE  |
| CARBON MONOXIDE   | 3-METHYLPENTANE  |
| CYCLOHEXANE   | NITROGEN         |
| CYCLOPENTANE  | n-NONANE         |
| n-DECANE  | n-OCTANE         |
| 2,2 DIMETHYL BUTANE   | PROPANE          |
| n-DODECANE  | PROPYLENE        |
| ETHANE  | NEOPENTANE       |
| ETHYLENE  | n-TRIDECANE      |
| HELIUM  | n-UNDECANE       |

| A SAMPLE OF A TYPICAL LIQUID MIXTURE |                     |
|--------------------------------------|---------------------|
| Compounds                            | Concentration (LV%) |
| PROPANE                              | 1.0                 |
| ISOBUTANE                            | 3.0                 |
| n-BUTANE                             | 10.0                |
| ISOPENTANE                           | 9.0                 |
| n-PENTANE                            | 7.0                 |
| 2-METHYLPENTANE                      | 5.0                 |
| n-HEXANE                             | 5.0                 |
| 2,4-DIMETHYLPENTANE                  | 5.0                 |
| n-HEPTANE                            | 9.0                 |
| TOLUENE                              | 10.0                |
| n-OCTANE                             | 5.0                 |
| p-XYLENE                             | 12.0                |
| o-PROPYLBENZENE                      | 3.0                 |
| n-DECANE                             | 3.0                 |
| n-BUTYLBENZENE                       | 3.0                 |
| n-DODECANE                           | 3.0                 |
| n-TRIDECANE                          | 2.0                 |
| n-TETRADECANE                        | 2.0                 |
| n-PENTADECANE                        | 2.0                 |

| A SAMPLE OF A TYPICAL LIQUID MIXTURE |                     |
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| PROPANE                              | 1.0                 |
| ISOBUTANE                            | 3.0                 |
| n-BUTANE                             | 10.0                |
| ISOPENTANE                           | 9.0                 |
| n-PENTANE                            | 7.0                 |
| 2-METHYLPENTANE                      | 5.0                 |
| n-HEXANE                             | 5.0                 |
| 2,4-DIMETHYLPENTANE                  | 5.0                 |
| n-HEPTANE                            | 9.0                 |
| TOLUENE                              | 10.0                |
| n-OCTANE                             | 5.0                 |
| p-XYLENE                             | 12.0                |
| o-PROPYLBENZENE                      | 3.0                 |
| n-DECANE                             | 3.0                 |
| n-BUTYLBENZENE                       | 3.0                 |
| n-DODECANE                           | 3.0                 |
| n-TRIDECANE                          | 2.0                 |
| n-TETRADECANE                        | 2.0                 |
| n-PENTADECANE                        | 2.0                 |