



AG Processing Inc  
 BQ-9000 Accredited Producer  
 April 1, 2009

| <u>Property</u>                                                             | <u>ASTM Method</u> | <u>Units</u>          | <u>ASTM D6751-07b Standards</u> | <u>SoyGold Standard Ranges</u> |
|-----------------------------------------------------------------------------|--------------------|-----------------------|---------------------------------|--------------------------------|
| Flash Point                                                                 | D93                | Degrees oC            | 130 min.                        | 162-174                        |
| Water & Sediment                                                            | D2709              | % vol.                | 0.050 max.                      | 0.005-0.04                     |
| Kinematic Viscosity, 40 C                                                   | D445               | mm <sup>2</sup> /sec. | 1.9 – 6.0                       | 4.062-4.141                    |
| Sulfated Ash                                                                | D874               | % mass                | 0.020 max.                      | 0.003-0.010                    |
| Total Sulfur                                                                | D5453              | % mass                | 0.05 max.                       | 0.0002-0.0005                  |
| S15 Grade                                                                   |                    | ppm                   | 15 max.                         | 2-5                            |
| S 500 Grade                                                                 |                    | ppm                   | 500 max.                        | 2-5                            |
| Copper Strip Corrosion                                                      | D130               |                       | No. 3 max.                      | 1A                             |
| Cetane                                                                      | D613               |                       | 47 min.                         | 48.4-49.7                      |
| Cloud Point                                                                 | D2500              | Degrees oC            | Report                          | 0.0-2.2                        |
| Carbon Residue (100% sample)                                                | D4530              | % mass                | 0.050 max.                      | 0.008-0.010                    |
| Acid Number                                                                 | D664               | mg KOH/gm             | 0.50 max.                       | 0.08-0.20                      |
| Free Glycerine                                                              | D6584              | % mass                | 0.020 max.                      | 0.002-0.015                    |
| Total Glycerine                                                             | D6584              | % mass                | 0.240 max.                      | 0.050-0.15                     |
| Phosphorus Content                                                          | D4951              | % mass                | 0.001 max.                      | 0.0002-0.0005                  |
| Distillation Temperature, Atmospheric Equivalent Temperature, 90% Recovered | D1160              | Degrees o C           | 360 max.                        | 350                            |
| Oxidation Stability                                                         | EN14112            | hrs.                  | 3.0                             | 3.0-6.0                        |
| Calcium + Magnesium combined                                                | EN14538            | ppm                   | 5 max.                          | <0.50                          |
| Sodium + Potassium combined                                                 | EN14538            | ppm                   | 5 max.                          | <2.00                          |
| Cold Soak Filterability                                                     | D6217              | seconds               | 360 max.                        | 20-200                         |