

PRECISION PETROLEUM LABS, INC.

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Biodiesel Price Breakdown

| <u>PARAMETER</u> | <u>TEST METHOD</u> | <u>ASTM D-6751-06e1 SPECIFICATION</u> | <u>List Price</u> |
|-------------------------------------|--------------------|---------------------------------------|-------------------|
| Flash point, °C | D-93 | 130 MIN | \$140 |
| Water and sediment, Vol% | D-2709 | 0.05 MAX | \$120 |
| Carbon residue, Wt% | D-4530 | 0.05 MAX | \$170 |
| Sulfated ash, Wt% | D-874 | 0.02 MAX | \$170 |
| Viscosity, 40°C, CST | D-445 | 1.9-6.0 | \$120 |
| Sulfur, Wt% | D-5453 | 0.05 MAX | \$120 |
| Cetane Number | D-613 | 47 MIN | \$950 |
| Cloud point, °C | D-2500 | REPORT | \$110 |
| Copper corrosion | D-130 | NO 3 MAX | \$220 |
| Acid number, mg KOH/gm | D-664 | 0.5 MAX | \$110 |
| Free glycerin, Wt% | D-6584 | 0.02 MAX | \$525 |
| Total glycerin, Wt% | D-6584 | 0.24 MAX | |
| Phosphorous, PPM | D-4951 | 10 MAX | \$300 |
| Sodium & Potassium, PPM | UOP 391 | 5 MAX | 0 |
| Calcium & Magnesium, PPM | UOP 389 | 5 MAX | 0 |
| Oxidation Stability, hrs | EN 14112 | 3hrs MIN | \$375 |
| Cold Soak Filterability, seconds | ANNEX A1 | 360 MAX | \$300 |
| <u>Alcohol control</u> | | | |
| One of the following must be met: | | | |
| 1. Methanol content, Wt% | EN-14110 | 0.2 MAX | \$240 |
| 2. Flash point, °C | D-93 | 130 MIN | \$140 |
| <u>DISTILLATION, °C</u> | | | |
| 90% Recovery @ | D-1160 | 360°C MAX | \$380 |

Total List Price: \$4,490.00

Total Discounted Price: \$2,300.00

Minimum Sample Size: 1 QT

TURN AROUND TIME: 24-48 HOURS
