

# TCEQ TxLED Test Results



## Texas Low Emission Diesel Fuel (TxLED) Alternative Diesel Fuel Formulation Approval Notification

The alternative diesel fuel formulation listed herein has been demonstrated to the satisfaction of the executive director of the Texas Commission on Environmental Quality in accordance with the regulations specified under Title 30, Texas Administrative Code, Chapter 114, Subchapter H, Division 2, §114.315(c) to achieve comparable or better reductions in emissions of NOx, THC, NMHC, and PM to that of Texas Low Emission Diesel Fuel (TxLED). Therefore, the alternative diesel fuel formulation listed herein complies with the requirements specified under Title 30, Texas Administrative Code, Chapter 114, Subchapter H, Division 2, §114.312(f) and may be used to satisfy the requirements of §114.312(a) of this title.

Approval Date:	August 10, 2005
TCEQ Assigned Identification Number:	TXLED-A-00002
Approved alternative diesel fuel formulation:	Biofriendly Green Plus® blended with ASTM D975 Grade No. 2-D diesel fuel.
EPA Registration Number and Name:	1832-0002 - Green Plus®
Additive Identity:	Biofriendly Green Plus®. This additive is a proprietary product of the Biofriendly Corporation and is designed specifically for blending with ASTM D975-compliant Grade No. 2-D diesel fuel in North America to meet or exceed TxLED requirements.
Additive Minimum Concentration / Treatment Rate:	1 gallon of Biofriendly Green Plus® per 20,000 gallons of diesel fuel. (50 ppm per gallon)
Base Diesel Fuel Specifications:	All base diesel fuels to be used for blending with Biofriendly Green Plus® must comply with the following specifications: <ul style="list-style-type: none"> <li>Any Grade No. 1-D or No. 2-D diesel fuel in compliance with ASTM D975-04c (Standard Specification for Diesel Fuel Oils) or current active version of ASTM D975, except for lubricity, may be used as the base fuel for blending this formulation.</li> </ul>



Biofriendly Corporation, Report Olson 001-2005

### Emissions Equivalence Testing using TxLED reference fuel versus a #2 diesel candidate fuel with Green Plus

Accomplished for:  
**TEXAS COMMISSION FOR ENVIRONMENTAL QUALITY**  
Austin, Texas

Accomplished by:  
**BIOFRIENDLY CORPORATION**  
622 Terrado Dr.  
Monrovia,  
CA 91016

And submitted  
June 5, 2005



Third party testing contractor:  
**Olson-Ecologic, Fullerton CA**