

Mayor
Mac Hodges

City Manager
Bobby Roberson



Washington City Council
Richard Brooks
Virginia Finnerty
Doug Mercer
William Pitt
Roland Wyman

LEGAL NOTICE NOTICE TO BIDDERS

The City Of Washington is inviting you to place a bid on Petroleum Products.

Once awarded this contract will begin on July 01 2018 and end on June 30 2020.

Submit the bids marked " Petroleum Products ". Bids should be submitted to the City Of Washington, Attention: Jennifer Nelson, 203 Grimes Road Washington NC 27889 no later than 2:00 PM on Tuesday May 22TH 2018 at which time they will be opened and made a part of the public record. The bid opening will be conducted in the Purchasing Agents office located at 203 Grimes Road Washington NC 27889. Bidders are not required to be present at the time of the bid opening. Bids can be mailed, dropped by the office or emailed to Jnelson@washingtonnc.gov Bids must be submitted by the date and time stated or they will remain unopened. It is the responsibility of the bidder to ensure timely and correct delivery of the quote. The city reserves the right to reject any or all proposals or accept any proposal which it feels is to the best interest of the City Of Washington.

GENERAL INFORMATION AND REQUIREMENTS TO BIDDERS

1. In general, the bidder agrees to comply with all the terms and conditions set forth in the General Information and Requirements to Bidders, the Specifications and the Proposal. He further agrees to hold firm his quoted prices, except where adjustments on a general price increase are allowed.
2. The City reserves the right to reject any and all bids or accept any bid which it feels is to the best interest of the City Of Washington, North Carolina or extend the current contract.
3. Proposals must be on standard forms furnished by the City Of Washington.
4. Sealed bid envelopes shall be labeled for identification on the outside stating:

Sealed bid: Petroleum Products

Opened: 2:00 PM Tuesday May 22 2018

Attention: Jennifer Nelson

5. If pertaining thereto; the item bid in this proposal must meet OSHA standard requirements.
6. Federal Excise Tax: City Of Washington shall not pay successful bidder federal excise tax on any petroleum product. However, the City will sign an IRS approved exemption certificate, as provided by successful bidder, in order to purchase petroleum products tax-free.

North Carolina Sales Tax: City Of Washington shall not pay successful bidder any applicable state and county sales tax. Supplier to file for refund.

Inspection Tax: City Of Washington will pay to successful bidder the \$.0054 inspection fee, LUST, and oil spill tax and .0074 for diesel off road due to NORA as part of petroleum cost. No refund on this tax.

7. These prices must remain firm throughout fiscal year July 01 2018 through June 30 2020, except as approved under item 8, concerning general price adjustment. The City reserves the option to extend this contract for 3 additional 1 year periods.
8. Any price adjustment allowed will be based on price changes at the Selma terminal (Chevro, BP,Citgo or other). Bidder must agree to provide a copy of the OPIS Rack Average sheet with his invoice to the City of Washington, NC for each delivery to verify his cost as terminal prices increase or decrease.
9. Length of Contract: Contract will begin on July 01 2018 and end on June 30 2020.

10. Quantities are estimates only and may increase or decrease by 25%.
11. City reserves the right to award the bid as one total contract or to divide and award by item, if it's to the City's best interest.
12. Rebates shall not be included in the bid prices, nor at anytime during the contract period.
13. Petroleum Product will be purchased and paid for at net gallons based on standards at the terminal by Temp. and API Gravity.
14. All petroleum products will be delivered FOB Washington, N.C. (Tanksite) prepaid.
15. The City has in place for unloading transport petroleum, three above ground 12,000 gallon storage tanks. One is for transport loads of Diesel and the other two for transport loads of Ethanol Free Gasoline. Therefore, tankers must be equipped with pumps and all necessary equipment for discharge of load.
16. The successful bidder shall be responsible for any damage and clean-up caused by overflowing or leakage when loading fuel.
17. Invoices for payment shall include a copy of the OPIS Rack Average cost of fuel to verify invoice charges when different from bid price.
18. Suppliers must abide by the E-Verify Law and comply with Article 2 of Chapters 64 of the General Statutes as it relates to employment verification of illegal immigrants.
19. IRAN DIVESTMENT ACT CERTIFICATION: Supplier hereby certifies that Supplier, and all subcontractors, are not on the Iran Final Divestment List ("List") created by the North Carolina State Treasurer pursuant to N.C.G.S. 143-6A-4. Supplier shall not utilize any subcontractor that is identified on the list.

PETROLEUM PRODUCTS DETAILED SPECIFICATIONS

1. Ethanol Free Gasoline Delivered in Transport Loads:

A. Ethanol Free Gasoline 87 Octane.

B. Delivery Point:

City Of Washington, N.C. **Municipal Complex Yard**. Tank capacity at this location is two 12,000 gallon above ground tanks. Deliveries will be 8,500 gallons approximately each delivery. Supplier shall deliver when notified by the City.

C. Quantity usage estimated per year - 200,000 gallons.

D. Gasoline shall always be free of debris and water.

E. Deliveries shall be made within 36 hours after notification to supplier.

F. Provide pump for unloading in above ground tanks.

G. Deliveries shall be made Monday - Friday between 7:00 AM - 3:30 PM excluding holidays.

2. Ethanol Free Gasoline Delivered in Tankwagon Loads:

A. Ethanol Free Gasoline 87 Octane

B. Delivery Points:

City Of Washington, N.C. **Oakdale Cemetary** East 15TH Street. Tank capacity at this location is 350 gallon surface tank. Supplier shall deliver when notified by the City.

C. Quantity usage estimated per year.

-Cemetery Department 1500 gallons -

D. Gasoline shall always be free of debris and water.

E. Deliveries shall be made within 24 hours after notification to supplier.

3. Non-Highway Diesel Fuel (No. 2) Low Sulfur Red Dye Distillate Delivered in Tankwagon Loads with BIOBOR JF Diesel Microbiocide (Spec's enclosed):
- A. Non-Highway Diesel Fuel No. 2 only - Low Sulfur Red Dye Distillate content with diesel treatment additive.
- B. Delivery Points:
1. City Of Washington, N.C. **Travel Store** located on **264 + Tranter's Creek Road**. Tank capacity at this location is 300 gallons. Supplier shall deliver when notified by the City.
 2. City Of Washington, N.C. **Water Plant** located on Douglas Cross Roads. Tank capacity at this location is 3000 gallon surface tank. Supplier shall deliver when notified by the City.
 3. City Of Washington, N.C. **Clarcor Plant Site** located on Clarks Neck Road. This site has 2 tanks. Tank capacities - one at 4000 gallons and the other at 2000 gallons. Supplier shall deliver when notified by the City.
 4. City Of Washington, N.C. **P + G MFG Plant Site** located off of Old Bath Highway. Tank capacity at this location is 1000 gallons. Supplier shall deliver when notified by the City.
 5. City Of Washington, N.C. **Camfil Farr Plant Site** located on Highway 264 West. Tank capacity at this location is 1000 gallons. Supplier shall deliver when notified by the City.
 6. City Of Washington, N.C. **Industrial Park Site** located on Highway 264 West. Tank capacity at this location is 2000 gallons. Supplier shall deliver when notified by the City.
 7. City Of Washington, N.C. **Acre Station** located on Terra Ceia Road. Tank capacity at this location is 300 gallons. Supplier shall deliver when notified by the City.
 8. City Of Washington, N.C. **Travel Store** located on **River Road**. Tank capacity at this location is 300 gallons. Supplier shall deliver when notified by the City.
 9. City Of Washington, N.C. **Travel Store** located on **3RD + Bridge**. Tank capacity at this location is 300 gallons. Supplier shall deliver when notified by the City.

10. City Of Washington, N.C. **Travel Store BCCC** located at **264 + Neck Road**. Tank capacity at this location is 300 gallons. Supplier shall deliver when notified by the City.
 11. City Of Washington, N.C. **Operation Center** located at West Third Street. Tank capacity at this location is 200 gallons. Supplier shall deliver when notified by the City.
 12. City Of Washington, N.C. **Wastewater Treatment Plant** located at 1399 West Second Street. Tank capacity at this location is 1000 gallons. Supplier shall deliver when notified by the City.
 13. City Of Washington, N.C. **Carver Machine Works** located at Christian Service Camp Road. Tank capacity at this location is 2,000 gallons. Supplier shall deliver when notified by the City.
 14. City Of Washington, N.C. **PAS Plant Site** located at 2010 West 15th Street. Tank capacity at this location is 4000 gallons. Supplier shall deliver when notified by the City.
 15. City Of Washington, N.C. **East Haven Apartments** located at 407 East Third Street. Tank capacity at this location is 400 gallons. Supplier shall deliver when notified by the City.
 16. City Of Washington, N.C. **Piggly Wiggly** located off of River Road. Tank capacity at this location is 1000 gallons. Supplier shall deliver when notified by the City.
 17. City Of Washington, N.C. **Fire Department** located off of Market Street. Tank capacity is 400 gallons. Supplier shall deliver when notified by the City.
 18. City Of Washington, N.C. **Lift Station** located at 5TH + Respass. Tank capacity 800 gallons. Supplier shall deliver when notified by the City.
 19. City Of Washington, N.C. **City Hall** located on 2ND Street. Tank capacity 300 gallons. Supplier shall deliver when notified by the City.
 20. City Of Washington, N.C. **Travel Store** located at **John Small Avenue + Charlotte Street**. Tank capacity at this location is 300 gallons. Supplier shall deliver when notified by the City.
 21. City Of Washington, N.C. **Lift Stations Miscellaneous**. There are 17 locations. Tank capacity 170 gallons. Supplier shall deliver when notified by the City.
- C. Diesel Fuel with additive shall always be free of debris and water.
- D. Deliveries shall be made within 24 hours after notification to supplier.

E. The City Of Washington reserves the right to collect damages due to failure of fuel delivery as requested.

F. The City Of Washington also reserves the right to terminate this contract at their sole discretion should deliveries not be made as requested.

G. Quantity usage estimated per year.

-Travel Store, John Small Ave.	500 gallons
-Water Plant, Douglas X roads	12,000 gallons
-Clarcor Plant Site	20,000 gallons
-P + G MPG Plant Site	3,000 gallons
-Camfil Farr Co. Plant Site	6,000 gallons
-Industrial Park Site	8,000 gallons
-Acre Station	1,000 gallons
-Travel Store, River Road	500 gallons
-Travel Store, 3 rd. and Bridg	500 gallons
-Travel Store, BCCC 264 & Neck	800 gallons
-Communication Center Bldg.	500 gallons
-Wastewater Treatment Plant	4,400 gallons
-Carver Machine Works	3,500 gallons
-Prettl Site	9,000 gallons
-East Haven Apartments Site	2,000 gallons
-Piggly Wiggly	2,500 gallons
-Washington Fire Department	500 gallons
-Lift Station - 5th & Respass	1,500 gallons
-City Hall	1,000 gallons
-Travel Store, 264/Tranter's Creek	500 gallons
-Miscellaneous Lift Stations	5,000 gallons
Total Gallons	90,000 gallons

4. Diesel Highway use, Ultra low Sulfur Transport Loads with additive:

A. Diesel fuel No. 2 only - Not Less than 40 Cetane - Sulfur content not more than 0.05 percent with Schaeffer Diesel Treat 2000 or comparable (Spec's enclosed).

B. Delivery Points:

1. City Of Washington, N.C. **Municipal Yard**. Tank capacity at this location is a 12,000 gallon above ground tank. Deliveries will be 8,500 gallons approximately each delivery. Supplier shall deliver when notified by the City.

C. Quantity usage estimated per year 80,000 gallons.

D. Diesel fuel shall always be free of debris and water.

E. Deliveries shall be made within 24 hours after notification to supplier.

F. Provide pump for above ground tank unloading.

G. Deliveries shall be made Monday - Friday between 7:00 AM - 3:30 PM excluding holidays.

5. Kerosene Fuel Delivered in Tankwagon Loads:

A. Kerosene - Grade 1-K

B. Delivery Points:

1. City Of Washington, N.C. **Garage Municipal Complex** located on Plant Street. Tank capacity at this location is a 280 gallon surface tank. Supplier shall deliver when notified by the City.

2. City Of Washington, N.C. **Street Department Municipal Complex** located on Plant Street. Tank capacity at this location is 550 gallons surface type tank. Supplier shall deliver when notified by the City.

C. Quantity usage estimate per year

-Garage 500 gallons-

-Street Department 800 gallons-

D. Kerosene shall always be free of debris and water.

E. Deliveries shall be made within 12 hours after notification to supplier.

PROPOSAL FOR SELLING TO THE CITY OF WASHINGTON
 PETROLEUM PRODUCTS FROM
 JULY 01 2018 THROUGH JUNE 30 2020

To: The City Of Washington

The undersigned bidder declares that he is aware of all terms and conditions set forth in the Notice to Bidders, General Information and the Detailed specifications attached herewith and agrees that if his proposal is accepted, in part or total within 30 days after the opening of the bids, that he will supply and deliver the Petroleum Products, as released, at the prices shown below.

EXCLUDE FEDERAL, STATE & COUNTY TAX FROM THE BIDS.

Item 1. Ethanol Free Gasoline 87 Octane (Transport Loads)
 Selma OPIS Rack Avg. Price per gal. as of March 29, 2016 --\$1.6098/gal
 Transportation price per gal. -----\$ _____
 Inspection Fee, LUST & Oil Spill Tax per gal. -----\$.0056
 Total Profit margin per gal. -----\$ _____
 Total cost to City per gal. -----\$ _____

200,000 gals. Approx. ---@ \$ _____ = \$ _____

Indicate any other additional cost that may be associated with the transport shipments.

Item 2. Ethanol Free Gasoline 87 Octane (Tankwagon Loads)
 Selma OPIS Rack Avg. Price per gal. as of March 29, 2014 --\$1.6098/gal.
 Transportation price per gal. -----\$ _____
 Inspection Fee, LUST & Oil Spill Tax per gal. -----\$.0056
 Total Profit margin per gal. -----\$ _____
 Total cost to City per gal. -----\$ _____

1500 gals. Approx. ---@---\$ _____ = \$ _____

Indicate any other additional cost that may be associated with tankwagon shipments.

Item 3. Non-Highway Diesel Fuel (Tankwagon Loads) - Generators

Selma OPIS Rack Avg. Price per gal. as of March 29, 2016--\$1.2122/gal.
Cost for diesel fuel additive -----\$ _____
Transportation price per gal., -----\$ _____
Inspection Fee, LUST & Oil Spill Tax per gal., -----\$.0076____
and NORA fee
Total Profit Margin per gal., -----\$ _____
Total cost to City per gal., -----\$ _____
134,500 gals. Approx.---@ \$ _____ = \$ _____

Indicate any other additional cost that may be associated with tankwagon shipments.

Item 4. Diesel Fuel (Transport Loads)

Selma OPIS Rack Avg. Price per gal. as of March 29, 2016--\$1.2011/gal.
Cost for diesel fuel additive -----\$ _____
Transportation price per gal., -----\$ _____
Inspection Fee, LUST & Oil Spill Tax per gal., -----\$.0056____
Total Profit Margin per gal., -----\$ _____
Total cost to City per gal., -----\$ _____
80,000 gals. Approx.---@ \$ _____ = \$ _____

Indicate any other additional cost that may be associated with transport shipments.

Item 5. Kerosene Grade 1-K Fuel (Tankwagon Loads)

Price per gal. -----\$ _____
Total Profit Margin per gal., -----\$ _____
Total cost to City per gal., -----\$ _____
1300 gals. Approx.---@--\$ _____ = \$ _____

Indicate any other additional cost that may be associated with tankwagon shipments.

COMPANY/CORPORATION _____

AUTHORIZED SIGNATURE _____, TITLE _____

ADDRESS IN FULL _____

TELEPHONE NO. _____ FAX NO. _____ DATE _____



Biobor JF[®]

MICROBIOCIDES

TECHNICAL DATA SHEET
TD-9610



Biobor JF[®] is a liquid fuel additive that combats fungus and other microbial life in hydrocarbon fuels such as diesel and jet fuels.

Biobor JF[®] eliminates growth of harmful slime producing fungi that clog filters and pipelines, attack rubber fuel system components and whose waste products aid in the corrosion of metal surfaces.

Biobor JF[®] is simple to use and harmless to the wide variety of fuel system parts, top coatings, sealants and elastomeric materials tested. It does not adversely affect fuel performance in any way.

Biobor JF[®] is an effective microbiocide because of its equilibrium solubility in both fuel and water under conditions of fuel storage.

Biobor JF[®] is used by a large number of aircraft operators, airlines, ships, boats, trucking fleets, railroads, bulk storage terminals, fuel suppliers and by other users of hydrocarbon fuels exposed to the possibility of contamination by fungus and bacteria.

GENERAL USAGE

If a system is badly contaminated, drain water bottoms thoroughly. Water bottoms in storage tanks should be kept to a minimum. Good housekeeping is important in treating slime problems, but it is not a cure.

Biobor JF[®] is used at 270*ppm in fuel to effect sterilization, and subsequently at 135*ppm to maintain fungus-free fuel. Ideally, **Biobor JF[®]** should be injected to ensure proportionality and even distribution throughout the fuel tank. However, in the absence of metering equipment, **Biobor JF[®]** may be batch-blended. If batch-blended, as in tank trucks or small aircraft wing tanks, **Biobor JF[®]** should be introduced while the tank is being filled, after the tank is approximately 1/2 full. This will ensure faster and more complete dispersion.

*See chart on reverse side.

PRODUCT DATA

Chemical Composition

Active Ingredients

2,2'-oxybis (4,4,6-trimethyl-1, 3,2-dioxaborinane)
2,2-(1-methyltrimethylenedioxy) bis-(4-methyl-1,
3,2-dioxaborinane).....95.0%

Inert Ingredients

Petroleum Naphtha.....4.5%
Inerts.....0.5%
Total.....100.0%

Boron Content.....7.3%

Physical Properties (typical)

Flash Point, Tag Closed Cup.....102°F
Pour Point.....-27°F
Appearance.....Clear Liquid

Instructions for Storage and Handling

All **Biobor JF[®]** containers must be kept closed from the atmosphere. Protect **Biobor JF[®]** from any water contamination. The solvent action of **Biobor JF[®]** will attack coatings on paper linings of caps and lids, therefore, polyethylene liners or closures are recommended for storage of **Biobor JF[®]**.

EPA REG. NO. 65217-1
EPA EST. 61897-TX-0001
CANADIAN P.C.P. REG. NO. 10301
CAS NO. 8063-89-6



TECHNICAL DATA SHEET CONTINUED...

DOSAGE LEVELS

(Fuel = U.S. Gallons)

JET FUEL		SHOCK TREATMENT @270 PPM		MAINTENANCE LEVEL @135PPM	
Lbs.	Gals.	Gals.	Fl. Oz.	Gal.	Fl. Oz.
670	100	0.02	2.6	0.01	1.3
1,340	200	0.04	5.3	0.02	2.6
2,010	300	0.06	8.0	0.03	4.0
2,680	400	0.08	10.7	0.04	5.3
3,350	500	0.10	13.4	0.05	6.7
6,700	1,000	0.21	26.8	0.10	13.4
13,400	2,000	0.42	53.6	0.21	26.8
16,750	2,500	0.52	67.0	0.26	33.5
33,500	5,000	1.0	134.0	0.52	67.0
67,000	10,000	2.1	268.0	1.04	134.0
134,000	20,000	4.2	536.0	2.09	268.0
335,000	50,000	10.3	1,340.0	5.23	670.0

To determine the fluid ounces of BioborJF® required to give a concentration of 270 PPM, multiply pounds of fuel by 0.004 and for 135 PPM by 0.002.
Density of Jet Fuel:: 1 gallon weighs 6.714 pounds.

METRIC CONVERSIONS FOR VARIOUS FUELS

SHOCK TREATMENT AT 270 PPM

FUEL	g/ml	Fuel Density at 15°C/59°F lbs./gal.	kg/L	oz. of BioborJF® per 1000 gal. fuel	ml. of BioborJF® per 1000 liters fuel
JP-4	0.7601	6.343	.762	25.37	198.27
Kerosene (Turbine Fuel)	0.8045	6.714	.806	26.86	209.57
Diesel #1	0.8180	6.827	.820	27.31	214.50
Diesel #2	0.8484	7.080	.850	28.32	220.99
Bunker "C"	0.9952	8.305	.997	33.22	259.26

To determine the fluid ounces of BioborJF® required to give a concentration of 270 PPM, multiply pounds of fuel by 0.004 and for 135 PPM by 0.002.

To determine milliliters of BioborJF® required to give a concentration of 270 PPM, multiply kilograms of fuel by .26 and for 135 PPM by .13.

*Computed from fuel densities as surveyed by the American Petroleum Institute.



HAMMONDS FUEL ADDITIVES, INC.

910 Rankin Road • Houston, Texas 77073 • (800) 548-9166

**MEETS OR EXCEEDS
ASTM SPECIFICATIONS
FOR LUBRICITY**



The Worldwide Standard Since 1965

**TREATS MORE FUEL
THAN THE COMPETITION**
Compare dosage charts...

Diesel/Marine Diesel and Jet Fuels Microbiocide

BioBor JF[®] was specially formulated and introduced in 1965 to one of the harshest and most safety-conscious industries in the world, the commercial and military jet aircraft industry. For over 45 years BioBor JF[®] has maintained and even enhanced its position as the worldwide leader in the disinfection of microbial growth in both jet engines and jet fuel storage tanks, in addition to the marine diesel work boat and pleasure boat markets.

BioBor JF[®] has expanded its user base to include railroads, marine diesel fuels, standby power generators, construction equipment, bulk blending, bulk storage, petrochemicals, home heating oil, diesel trucking and RV's—solving fuel problems for consumers worldwide. From the U.S. and Canada, to South America, Europe and Asia, BioBor JF[®] continues to give customers the product to combat microbial growth. From jet engines on a military or commercial aircraft, to marine diesel engines on a commercial tugboat or luxury yacht, from standby power generators at a hospital to an RV power plant, BioBor JF[®] has proven itself over and over again, unsurpassed in quality, performance and dependability. The need was then...the need is now...the product is BioBor JF[®].

BioBor JF[®], the Worldwide Standard Since 1965, is a low-cost preventative maintenance additive to protect your investment, and in both new and used fuel tanks. Plus prevents rust and corrosion while eliminating the need for expensive fuel polishing. Constant use of BioBor JF[®] will keep fuel filters clean, protect rubber fuel system components, lowering maintenance costs while improving fuel effectively.

BioBor JF[®] also adds lubricity to all low sulfur fuels that have been mandated by the EPA. The addition of BioBor JF[®] to fuel, brings the lubricity in the fuel up to ASTM standards which again allows increased fuel efficiency.

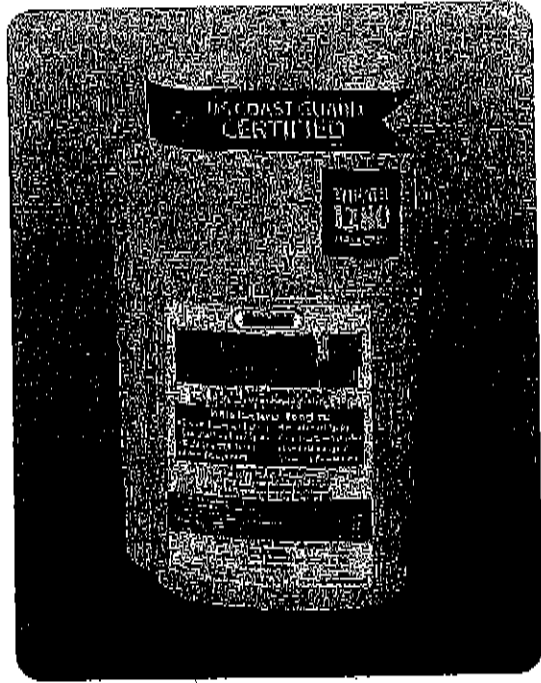
Container sizes and dosage rates—BioBor JF[®] is available in 8 oz. and 16 oz. Easy Squeeze containers designed to dispense the exact measure every time, along with 1 quart cans, 1 gallon containers, 5 gallon pails, and 55 gallon drums. Use the following chart to calculate how much BioBor JF[®] you need for proper fuel treatment.

8 oz. container	16 oz. container	1 quart can	1 gallon container	5 gallon pail	55 gallon drum
1/2 oz.	1 oz.	1/4 cup	1/2 cup	1 1/2 cups	1 1/2 cups

Other Hammonds Products—Ask your distributor about other Hammonds products:

- BioBor EB[®]
- LubriBor[®]
- BioBor MD[®]
- HumBug Detector[®] Kit

Questions? To contact a Hammonds Fuel Additives specialist, or to locate the Hammonds distributor nearest you, please call us at (800) 548-9166.



BioBor JF[®] kills fungi, bacteria and micro-organisms which cause fuel tank contamination...

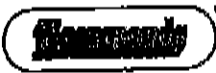
Plus

- Disperses and prevents sludge
- Prevents clogged filters
- Adds lubricity to low sulfur fuels, exceeding ASTM Standards
- Recommended by airframe and equipment manufacturers around the world (See back for current list)
- MIL-S-53021A



a **GREEN** company

Fuel Additives equal a cleaner engine, better mileage, and fewer harmful emissions.



HAMMONDS FUEL ADDITIVES, INC.

910 Rankin Road • Houston, Texas 77073 • Phone (800) 548-9166

www.biobor.com

Biobor JF

The following companies are just some who recommend the use of Biobor JF as part of their standard maintenance programs...

Airlines

American
Northwest
Delta Airlines
United Airlines
Southern Airlines
National Airlines
Capital Airways
Air Jamaica
TACA International Airlines
Varig Airlines
Quanta
Aerolineas Peruanas

Aircraft Manufacturers

de Havilland, Inc.
Gulf Stream Aerospace Corp.
Boeing Aircraft
Beechcraft Aircraft Corp.
Dassault Falcon Jet
Bell Helicopter
Fokker Aircraft Corp.
LearJet Corporation
Lockheed Aircraft Company
Sikorsky Helicopter
British Aerospace Aircraft
McDonnell Douglas Aircraft
Sabertiner Aircraft Corp.
AirBus Industries
Grumman Aircraft
General Dynamics - Convair Division
Douglas
Cessna

Military Operations

U.S. Army
U.S. Navy
U.S. Coast Guard
U.S. Merchant Marines
U.S. Air Force
U.S. Border Patrol

Engine Accessories and Fuel Monitoring Equipment

Manufacturers
Dahl Filter Corporation
Velcon Filters, Inc.
Stanadyne Filter/Fuel Injector Systems
Airborne Fuel Filters
Consolidated Airborne Systems
Liquidometer Corporation
Minneapolis Honeywell
Simmonds Precision Products
Facet Filter
Fleetguard Filter Corporation

Fuel Service Companies

Paulsen Industries
Fuel Tank Maintenance
Fuel Tank Cleaners of Florida
Fuel Pure
National Bio-die Services
I.C.E.S., Inc.

FAA Approvals of Individual Aircraft & Engines

Grumman G-159 Gulfstream Aircraft
G.E. CJ-805 Engines
Lockheed Model 1329 (JetStar)

Diesel Engine Manufacturers

Detroit Diesel Corp.
Caterpillar Tractor Corp.
International Harvester Tractor Co.
Waukesha/Dresser Engines
Cummins Engine Co., Inc.
General Motors - Diesel Engine Division
Mercedes Benz
John Deere Tractor

Aircraft Engine Manufacturers

Rolls Royce Engines
Lycoming Engine Corporation
Pratt & Whitney Engines
Allison Industries
Garrett Aircraft Engines
General Electric Engines Division
Allied Signal Aerospace Corp.
United Aircraft of Canada

Tank Manufacturers

Uniroyal Tank and Plastic, Production Division
Goodyear Aerospace
U.S. Steel Tank
Firestone Tank Division
Dow Corning Tanks
A.O. Smith Fiberglass Tank Corp.
BF Goodrich Aerospace

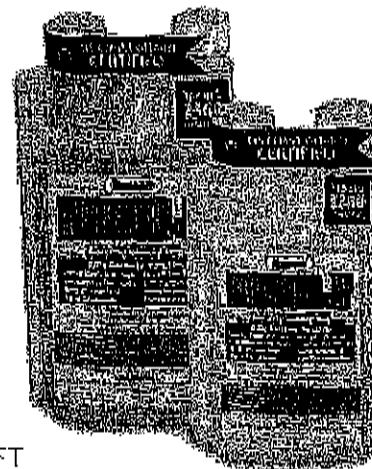
* The OEM's listed above recommend the use of Biobor JF as part of their standard maintenance programs. This endorsement may appear in the Equipment Maintenance Manuals under Engine Airframes or Fuel System Care.



I BNNP OETIGV MBEEJJAFT

910 Rankin Road • Houston, Texas 77073 • 911*1659 : 277

xxx/cibocps.com



TD-137ND
Page 3

Diesel Treat 2000™ Ultra Low Sulfur is registered and meets US EPA requirements for blending into low sulfur diesel fuels. When used at the recommended treatment ratio, Diesel Treat 2000™ Ultra Low Sulfur will not cause a measurable effect on the cetane index, sulfur content or aromatic content of the fuel.

THIS DIESEL FUEL ADDITIVE COMPLIES WITH THE FEDERAL LOW SULFUR CONTENT REQUIREMENTS FOR USE IN DIESEL MOTOR VEHICLES AND NON-ROAD ENGINES.

THIS DIESEL FUEL ADDITIVE IS COMPATIBLE AND APPROVED FOR USE WITH DIESEL FUELS THAT MEET ASTM D975 AND BIODIESEL THAT MEETS ASTM D6751 AND BIODIESEL THAT MEETS EN 14214.

TYPICAL PROPERTIES

Specific Gravity	.9234-.9254
Flash Point °F/°C (PMCC) (ASTM D-93)	135°-144°/57°-62°
Pour Point °F/°C (ASTM D-97)	<50°F/<45.56°C
Ash Content % wt (ASTM D-482)	0
Copper Strip Corrosion Test (ASTM D-130)	1a
Sulfur Content ASTM D-7039	<15 ppm



TECHNICAL DATA

102 Barton Street, St. Louis, Missouri 63104

In-State (314) 888-4100/Out of State 000-325-9902/Fax (314) 888-4107 <http://www.schaefferoil.com>

#137ND DIESEL TREAT 2000™ ULTRA LOW SULFUR

Application:

Diesel Treat 2000™ Ultra Low Sulfur is a multifunctional ultra low sulfur compliant diesel fuel additive that is specifically formulated to provide improved fuel efficiency, increased power, increased fuel lubricity, improved injector cleanliness, improved protection against moisture and improved fuel stability.

Diesel Treat 2000™ Ultra Low Sulfur can also be used in all types of diesel fuel including low sulfur diesel fuel and biodiesel blends.

Features and Benefits

Diesel Treat 2000™ Ultra Low Sulfur contains a highly concentrated multi-functional additive package, which allows the Diesel Treat 2000™ Ultra Low Sulfur to provide the following performance benefits when used at the recommended treatment rate.

1. Improvement of the fuels cetane rating up to four points.
2. Easier cold weather starting.
3. Reduced misfiring at lower air inlet temperatures.
4. Faster warm-up.
5. Superior Cummins L-10 Injector Depositing Test and Cummins N-14 Injector Corrosion Test Performance.
6. Detendency to provide cleanliness throughout the entire fuel system.
7. Clean up and keep clean performance for the entire fuel system.
8. Dispersion of insoluble gums and varnish present in low quality fuels.
9. Excellent deposit control for light duty and medium duty in-direct injected diesel engines.
10. Improved combustion of the fuel by completely vaporizing the fuel into smaller particles, thus providing better fuel economy and preventing a significant loss in engine power.
11. Improved fuel economy up to 5%.
12. Modification of existing injector deposits, allowing for their removal and safe passage into the combustion chamber where they can be burned.
13. Reduced emissions exhaust smoke and particulates.
14. A reduction in black smoke.
15. Excellent anti-wear protections for injectors and fuel pumps, especially for those engines burning low sulfur diesel fuel and ultra low sulfur diesel fuel.
16. Supplemental ring and valve-train anti-wear protection.
17. Lubrication of the upper cylinders, fuel pumps and injectors.

Continued on Next Page

TD-137ND (Rev.12/2009)

TD-137ND

Page 2

18. Increased thermal stability to the diesel fuel in order to provide the ability to resist thermal degradation.
19. Inhibition of oxidation during storage.
20. Extended storage stability.
21. Rust and corrosion protection to the entire fuel system.

Coupled with this multifunctional additive package is a non-alcohol jet fuel deicer/water dispersant. This non-alcohol jet fuel deicer/water dispersant eliminates the problems associated with entrained and/or dissolved water present in the fuel by dispersing the water into tiny droplets. These tiny droplets are suspended in the fuel so they can be carried with the fuel in controlled amounts through the fuel filters, fuel lines, and into the combustion chamber to be burned with the fuel. By having any remaining water dispersed and suspended in the fuel, Diesel Treat Ultra Low Sulfur prevents the formation of stable fuel-water emulsions.

Increased Lubricity Protection with SynShield®

Today's diesel powered vehicles feature low emission engines that are more susceptible than ever to diesel fuel related wear. Diesel engine designs are employing the use of higher fuel injection pressures, hotter fuel return temperatures, higher operating temperatures and complex engine geometry to control emissions. All of these factors result in increased fuel system wear and can shorten engine life.

With the mandate by the United States EPA to reduce the sulfur content of diesel fuels to control emissions, this has resulted the elimination of certain naturally occurring polar compounds that aid in protection of the fuel system from wear by forming a protective layer on the metal surfaces of the fuel injection system. The increased use of the hydrotreating and hydrocracking refining processes to reduce the sulfur content of the diesel fuel in order to meet the mandated **the Ultra Low Sulfur Diesel Fuel specification of 15 ppm** causes these naturally occurring polar compounds to become either chemically altered or completely removed, thus resulting in increased engine and fuel system wear.

To protect today's diesel engines from fuel system related wear Schaeffer Mfg has further blended into the Diesel Treat 2000™ Ultra Low Sulfur is a proprietary lubricity additive called SynShield®. SynShield® is one of the few lubricity additives that not only surpasses industry standards for diesel fuel lubricity but also exceeds the EPA's new standard by being the only lubricity additive that does not contain sulfur or sulfur containing compounds. SynShield® prevents fuel system wear and injector scoring by forming a protective layer on the metal surfaces of the fuel system and injectors that provides boundary lubrication between metallic parts in critical fuel system components. This protective boundary lubrication film not only reduces friction and wear between the fuel system surfaces that are in relative motion but also increases fuel system component life, thus leading to less downtime and increased longer equipment life.

TREATMENT RATIO:

One gallon of Diesel Treat 2000™ Ultra Low Sulfur to 2,000 gallons of fuel.

Continued on Next Page

OPIS42818

Account #274887

To align the following data, change the font size to 9 in Courier New.

SELMA, NC 2018-04-26 08:00:08 EDT
OPIS NET CLEAR PRICES 9.0 RVP

Move

Terms	Unl	Move	Mid	Move	Pre	Move	Date	Time
FlntHlsRs	u N-10	241.70	+ 1.00	245.35	- 1.50	251.45	- .75	04/25 18:00
PSX	u N-10	242.62	- .45	---	---	265.12	+12.62	04/25 18:00
Murphy	u N-12	250.11	- 1.11	270.11	- 1.11	---	---	04/25 18:00
BP	b 1-10	---	---	239.01	- .51	---	---	04/25 18:00
Citgo	b 1-10	---	---	---	---	326.68	- .25	04/25 18:00
Marathon	b 1-10	---	---	---	---	260.80	- .71	04/25 18:00
Marathon	u N-10	---	---	---	---	259.80	- .70	04/25 18:00
Valero	b 1-10	---	---	---	---	258.54	- .15	04/25 18:00
Valero	u N-10	---	---	---	---	262.20	- .85	04/25 18:00
LOW RACK		241.70		239.01		251.45		
HIGH RACK		250.11		270.11		326.68		
RACK AVG		244.81		251.49		269.23		
OPIS GULF COAST SPOT MEAN - 04/25								
FOB COLONIAL		201.345		---		---		
OPIS GULF COAST DELIVERED SPOT (SRI)								
FOB SELMA		206.06		212.87		223.09		
BRD LOW RACK		---		239.01		258.54		
BRD HIGH RACK		---		239.01		326.68		
BRD RACK AVG		---		239.01		282.01		
UBD LOW RACK		241.70		245.35		251.45		
UBD HIGH RACK		250.11		270.11		265.12		
UBD RACK AVG		244.81		257.73		259.64		
CONT AVG-04/25		245.00		253.33		269.13		
CONT NET AVG-04/25		245.00		252.53		267.91		
CONT NET LOW-04/25		240.70		239.51		252.20		
CONT NET HI-04/25		251.22		271.22		326.93		

RALEIGH-DURHAM-CHAPEL HILL, NC

LOW RETAIL	256.60
AVG RETAIL	270.02
LOW RETAIL EX-TAX	202.64
AVG RETAIL EX-TAX	216.05

SELMA, NC 2018-04-26 08:00:08 EDT
OPIS NET CBOB ETHANOL(10%) PRICES 9.0 RVP

Move

Terms	Unl	Move	Mid	Move	Pre	Move	Date	Time
Valero	u N-10	199.20	- .85	220.20	- .85	249.20	- .85	04/25 18:00

OPIS42818

FlntHlsRs u N-10 199.45 - .40 227.45 - .40 246.45 - .40 04/25 18:00
 Colonial u N-10 199.50 - .70 214.05 - .45 231.50 + .80 04/25 18:00
 Marathon u N-10 199.55 - .70 210.22 - .70 231.55 - .70 04/25 18:00
 BP b 1-10 199.60 - .51 219.30 - .51 255.04 - .51 04/25 18:00
 So.States u N-10 199.95 + .50 215.15 + .50 226.30o + 2.60 04/26 00:01
 Gulf b 1-10 200.03 - .40 --- --- 248.14 - .40 04/25 18:00
 Valero b 1-10 200.13 - .15 215.97 - .15 249.63 - .15 04/25 18:00
 Marathon b 1-10 200.25 - .41 216.58 - .40 249.25 - .40 04/25 18:00
 Sunoco b 125-3 200.31 - .10 215.13 - .10 252.92 - .11 04/25 18:00
 Citgo b 1-10 200.35 - .26 216.35 - .25 246.35 - .25 04/25 18:00
 Mystik b 1-12 200.35 - .26 215.40 - .25 248.35 - .25 04/25 18:00
 Shell-Mot b 125-3 200.35 - .91 220.35 - .91 255.85 - .91 04/25 18:00
 XOM b 125-3 200.39 + .01 219.16 + .01 255.20 + .01 04/25 19:00
 Motiva u N-10 200.83 - .45 216.83 - .45 233.83 - .45 04/25 18:00
 Citgo u 1-10 201.01 - .40 218.01 - .41 246.01 - .41 04/25 18:00
 Center u N-10 201.20 +14.20 --- --- 190.00o - 2.00 04/25 18:00
 PBFenergy u Net 201.48 - .28 222.45 - .33 253.91 - .40 04/25 18:00
 TransMont u N-10 201.99 + .19 214.59 + .13 226.27 + 2.05 04/25 18:00
 PSX u N-10 202.80 - .40 218.80 - .40 240.80 - .40 04/25 18:00
 GULF-GIE u Net 203.30 - .50 224.65 - .50 246.65 - .50 04/25 18:00
 Murphy u N-12 216.24 - .85 234.24 - .85 258.62 - 1.14 04/25 18:00
 LOW RACK 199.20 210.22 226.27
 HIGH RACK 216.24 234.24 258.62
 RACK AVG 201.28 218.74 246.28
 OPIS GULF COAST DELIVERED SPOT (SRI)
 FOB SELMA 196.34 -- -- 212.55
 BRD LOW RACK 199.60 215.13 246.35
 BRD HIGH RACK 200.39 220.35 255.85
 BRD RACK AVG 200.20 217.28 251.19
 UBD LOW RACK 199.20 210.22 226.27
 UBD HIGH RACK 216.24 234.24 258.62
 UBD RACK AVG 202.04 219.72 242.25
 CONT AVG-04/25 202.70 220.18 247.91
 CONT NET AVG-04/25 201.66 219.11 246.54
 CONT NET LOW-04/25 199.45 210.92 224.22
 CONT NET HI-04/25 217.09 235.09 259.76
 o=out of product

SELMA, NC

2018-04-26 08:00:08 EDT

OPIS NET PURE ETHANOL PRICES

	w/out	with	Move		
Terms	RINS	Move	RINS	Move	Date Time
TransMont u N-10	---	---	163.49	+ .50	04/25 18:00
LOW RACK	---		163.49		
HIGH RACK	---		163.49		
RACK AVG	---		163.49		

OPIS42818

UBD LOW RACK	---	163.49
UBD HIGH RACK	---	163.49
UBD RACK AVG	---	163.49
CONT AVG-04/25	---	162.99
CONT NET AVG-04/25	---	162.99
CONT NET LOW-04/25	---	162.99
CONT NET HI-04/25	---	162.99

TOTAL ETHANOL AVG 163.49

SELMA, NC 2018-04-26 08:00:08 EDT

OPIS NET SUB-OCTANE PRICES

Move

Terms Unl Move Date Time

Valero u N-10 204.20d - 1.85 04/25 18:00

FlntHlsRs u N-10 264.49 - .50 04/25 18:00

Citgo b 1-10 275.18 - .25 04/25 18:00

LOW RACK 264.49

HIGH RACK 275.18

RACK AVG 269.84

OPIS GULF COAST DELIVERED SPOT (SRI)

FOB SELMA 206.06

BRD LOW RACK 275.18

BRD HIGH RACK 275.18

BRD RACK AVG 275.18

UBD LOW RACK 264.49

UBD HIGH RACK 264.49

UBD RACK AVG 264.49

CONT AVG-04/25 271.60

CONT NET AVG-04/25 270.21

CONT NET LOW-04/25 264.99

CONT NET HI-04/25 275.43

d=not in average

SELMA, NC 2018-04-26 08:00:08 EDT

OPIS NET ULTRA LOW SULFUR DISTILLATE PRICES

Move

Terms No.2 Move No.1 Move Pre Move Date Time

Vitol Pet u N-10 213.28o - 1.61 --- --- --- --- 04/24 18:00

Motiva b 125-3 214.18 + .81 --- --- --- --- 04/25 18:00

CHS UFM u 1-10 214.30 + .80 --- --- --- --- 04/25 18:00

Northville u N-10 214.35 + .70 --- --- --- --- 04/25 18:00

Coastal b 125-3 214.40 + .73 --- --- --- --- 04/25 18:00

Sunoco b 125-3 214.40 + .73 --- --- --- --- 04/25 18:00

Colonial u N-10 214.60 + 1.00 --- --- --- --- 04/25 18:00

Motiva u N-10 214.69 + .80 --- --- --- --- 04/25 18:00

OPIS42818

BP	b 1-10	214.70	+	.58	---	---	---	---	04/25 18:00
Valero	b 1-10	214.79	+	.50	---	---	---	---	04/25 18:00
Shell-Mot	b 125-3	215.06	+	.81	---	---	---	---	04/25 18:00
Valero	u N-10	215.15	+	.80	---	---	---	---	04/25 18:00
Center	u N-10	215.20	+	1.10	---	---	---	---	04/25 18:00
Citgo	b 1-10	215.30	+	1.51	---	---	---	---	04/25 18:00
Citgo	u 1-10	215.30	+	1.51	---	---	---	---	04/25 18:00
Murphy	u N-12	215.36	+	.82	---	---	---	---	04/25 18:00
Huguenot	u N-10	215.46	+	1.75	---	---	---	---	04/25 18:00
XOM	b 125-3	215.51	+	.83	---	---	---	---	04/25 19:00
So.States	u N-10	215.75	+	.70	---	---	---	---	04/26 00:01
Marathon	u N-10	215.85	+	.65	---	---	---	---	04/25 18:00
FlntHlsRs	u N-10	216.15	+	1.85	---	---	---	---	04/25 18:00
Marathon	b 1-10	216.35	+	.66	---	---	---	---	04/25 18:00
TransMont	u N-10	216.84	-	1.30	---	---	---	---	04/25 18:00
Gulf	b N-10	217.55	+	1.10	---	---	---	---	04/25 18:00
PSX	u N-10	217.88	+	.65	---	---	---	---	04/25 18:00
Musket	u N-10	218.92	+	1.24	---	---	---	---	04/25 18:00
PBFEnergy	u Net	219.21	+	.77	---	---	---	---	04/25 18:00
GULF-GIE	u Net	221.80	+	.70	---	---	---	---	04/25 18:00
LOW RACK		214.18			---		---		
HIGH RACK		221.80			---		---		
RACK AVG		215.89			---		---		

OPIS GULF COAST SPOT MEAN - 04/25

FOB COLONIAL 208.450 --- ---

OPIS GULF COAST DELIVERED SPOT (SRI)

FOB SELMA 212.87 --- ---

BRD LOW RACK 214.18 --- ---

BRD HIGH RACK 217.55 --- ---

BRD RACK AVG 215.22 --- ---

UBD LOW RACK 214.30 --- ---

UBD HIGH RACK 221.80 --- ---

UBD RACK AVG 216.28 --- ---

CONT AVG-04/25 215.93 --- ---

CONT NET AVG-04/25 214.99 --- ---

CONT NET LOW-04/25 213.28 --- ---

CONT NET HI-04/25 221.10 --- ---

o=out of product

SELMA, NC

2018-04-26 08:00:08 EDT

OPIS NET ULTRA LOW SULFUR RED DYE DISTILLATE PRICES

Move

	Terms	No.2	Move	No.1	Move	Pre	Move	Date	Time
Vitol Pet	u N-10	213.63	o	- 1.61	---	---	---	04/24	18:00
CHS UFM	u 1-10	214.69	+	.80	---	---	---	04/25	18:00
Northville	u N-10	214.70	+	.70	---	---	---	04/25	18:00

OPIS42818

Colonial	u N-10	215.10	+ 1.00	---	---	---	---	04/25 18:00
Motiva	u N-10	215.19	+ .80	---	---	---	---	04/25 18:00
BP	b 1-10	215.20	+ .58	---	---	---	---	04/25 18:00
Valero	b 1-10	215.29	+ .50	---	---	---	---	04/25 18:00
Valero	u N-10	215.65	+ .80	---	---	---	---	04/25 18:00
Citgo	b 1-10	215.69	+ 1.51	---	---	---	---	04/25 18:00
Citgo	u 1-10	215.69	+ 1.51	---	---	---	---	04/25 18:00
Center	u N-10	215.70	+ 1.10	---	---	---	---	04/25 18:00
Murphy	u N-12	215.81	+ .82	---	---	---	---	04/25 18:00
Huguenot	u N-10	215.96	+ 1.75	---	---	---	---	04/25 18:00
XOM	b 125-3	216.01	+ .83	---	---	---	---	04/25 19:00
Marathon	u N-10	216.35	+ .65	---	---	---	---	04/25 18:00
So.States	u N-10	216.50	+ .70	---	---	---	---	04/26 00:01
FlntHlsRs	u N-10	216.65	+ 1.85	---	---	---	---	04/25 18:00
Marathon	b 1-10	216.85	+ .66	---	---	---	---	04/25 18:00
TransMont	u N-10	217.34	- 1.30	---	---	---	---	04/25 18:00
PSX	u N-10	218.38	+ .65	---	---	---	---	04/25 18:00
Musket	u N-10	219.42	+ 1.24	---	---	---	---	04/25 18:00
PBFEnergy	u Net	219.71	+ .77	---	---	---	---	04/25 18:00
GULF-GIE	u Net	222.30	+ .70	---	---	---	---	04/25 18:00
LOW RACK		214.69		---	---			
HIGH RACK		222.30		---	---			
RACK AVG		216.55		---	---			
OPIS GULF COAST DELIVERED SPOT (SRI)								
FOB SELMA		213.22		---	---			
BRD LOW RACK		215.20		---	---			
BRD HIGH RACK		216.85		---	---			
BRD RACK AVG		215.81		---	---			
UBD LOW RACK		214.69		---	---			
UBD HIGH RACK		222.30		---	---			
UBD RACK AVG		216.77		---	---			
CONT AVG-04/25		216.30		---	---			
CONT NET AVG-04/25		215.62		---	---			
CONT NET LOW-04/25		213.63		---	---			
CONT NET HI-04/25		221.60		---	---			

o=out of product

SELMA, NC

2018-04-26 08:00:08 EDT

OPIS NET WHOLESALE B0-5 SME BIODIESEL PRICES

ULS ULS2 Move

Terms No.2 RD Date Time

Marathon	u N-10	216.40	216.90	04/25 18:00
Marathon	b 1-10	216.90	217.40	04/25 18:00
LOW RACK		216.40	216.90	
HIGH RACK		216.90	217.40	
RACK AVG		216.65	217.15	

OPIS42818

BRD LOW RACK	216.90	217.40
BRD HIGH RACK	216.90	217.40
BRD RACK AVG	216.90	217.40
UBD LOW RACK	216.40	216.90
UBD HIGH RACK	216.40	216.90
UBD RACK AVG	216.40	216.90
CONT NET AVG-04/25	216.00	216.50
CONT NET LOW-04/25	215.75	216.25
CONT NET HI-04/25	216.25	216.75

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