

OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Altech-Eco Corporation

(Alternative Fuel Converter)

Certificate Number: HAECT05.03DL-013

Effective Date: 12/08/2016

Expiration Date: 12/31/2017

12/08/2016

Byron J. Bunker, Division Director Compliance Division Revision Date:
N/A

Issue Date:

Test Group Name: HAECT05.03DL

Evaporative/Refueling Family Name: HAECR0160ABC

Applicable Exhaust Emission Standards: Federal Tier 2 Bin 4

Applicable Evaporative/Refueling Standards: Federal LEV-II Evap

Engine Displacement: 5.0 Liters

Exhaust Emission Test Fuel Type: CNG

Full Useful Life Miles: Exhaust Emissions: 120,000 miles

Full Useful Life Miles: Evaporative/Refueling Emissions: 120,000 miles

Models Covered: Altech-Eco Corporation: F150 4WD LT TIRE, F150 5.0L 2WD GVWR>7599 LBS, F150 5.0L 4WD GVWR>7599 LBS, F150 PICKUP 2WD, F150 PICKUP 4WD

Vehicle models covered by this certificate were originally produced by Ford Motor Company in model year 2017 to operate on Gasoline and Ethanol and have been modified by the above named

manufacturer to operate on Gasoline and CNG.

OEM Vehicle Test Group:HFMXT05.03DL; OEM Evaporative Family:HFMXR0160ABC

Pursuant to section 206 of the Clean Air Act (42 U.S.C.7525) and 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR 86.1848(c), and 40 CFR 1037 as applicable.

REDUCED FEE CERTIFICATE: EPA is issuing this certificate under the reduced fee provisions of 40 CFR 1027.120. This certificate covers up to 40 vehicles. A revised certificate and an additional fee payment are required if the number of vehicles covered by this certificate exceeds 40 vehicles.

This certificate covers only those new motor vehicles or vehicle engines which conform, in all material respects, to the design specifications that apply to those vehicles or engines described in the documentation required by 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable and which are produced during the 2017 model year production period stated on this certificate of the said manufacturer, as defined in 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable. The manufacturer shall obtain the approval of the California Air Resources Board (in the form of an executive order issued by the California Air Resources Board) prior to introducing any vehicle covered by this certificate into commerce 1) in the State of California, or 2) in a State that, under the authority of Section 177 of the Clean Air Act, has adopted and placed into effect the California standards to which this test group has been certified.

Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel are equipped with an emission control device which the Administrator has determined will be significantly impaired by the use of leaded fuel. This certificate is issued subject to the conditions specified in 40 CFR 80.24. Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel, otherwise covered by this certificate, which are driven outside the United States, Canada, Mexico, Japan, Australia, Taiwan and the Bahama Islands will be presumed to have been operated on leaded fuel resulting in deactivation of the catalysts. If these vehicles are imported or offered for importation without retrofit of the catalyst, they will be considered not to be within the coverage of this certificate unless included in a catalyst control program operated by manufacturer or a United States Government Agency and approved by the Administrator.



OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Altech-Eco Corporation

(Alternative Fuel Converter)

Certificate Number: HAECT05.03DL-014

Effective Date: 12/08/2016

Expiration Date: 12/31/2017

4.12

Byron J. Bunker, Division Director Compliance Division **Issue Date:** 12/08/2016

Revision Date: N/A

Test Group Name: HAECT05.03DL

Evaporative/Refueling Family Name: HAECR0235NBC

Applicable Exhaust Emission Standards: Federal Tier 2 Bin 4

Applicable Evaporative/Refueling Standards: Federal LEV-II Evap

Engine Displacement: 5.0 Liters

Exhaust Emission Test Fuel Type: CNG

Full Useful Life Miles: Exhaust Emissions: 120,000 miles

Full Useful Life Miles: Evaporative/Refueling Emissions: 120,000 miles

Models Covered: Altech-Eco Corporation: F150 4WD LT TIRE, F150 5.0L 2WD GVWR>7599 LBS, F150 5.0L 4WD GVWR>7599 LBS, F150 PICKUP 2WD, F150 PICKUP 4WD

Vehicle models covered by this certificate were originally produced by Ford Motor Company in model year 2017 to operate on Gasoline and Ethanol and have been modified by the above named

manufacturer to operate on Gasoline and CNG.

OEM Vehicle Test Group:HFMXT05.03DL; OEM Evaporative Family:HAECR0235NBC

Pursuant to section 206 of the Clean Air Act (42 U.S.C.7525) and 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR 86.1848(c), and 40 CFR 1037 as applicable.

REDUCED FEE CERTIFICATE: EPA is issuing this certificate under the reduced fee provisions of 40 CFR 1027.120. This certificate covers up to 40 vehicles. A revised certificate and an additional fee payment are required if the number of vehicles covered by this certificate exceeds 40 vehicles.

This certificate covers only those new motor vehicles or vehicle engines which conform, in all material respects, to the design specifications that apply to those vehicles or engines described in the documentation required by 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable and which are produced during the 2017 model year production period stated on this certificate of the said manufacturer, as defined in 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable. The manufacturer shall obtain the approval of the California Air Resources Board (in the form of an executive order issued by the California Air Resources Board) prior to introducing any vehicle covered by this certificate into commerce 1) in the State of California, or 2) in a State that, under the authority of Section 177 of the Clean Air Act, has adopted and placed into effect the California standards to which this test group has been certified.

Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel are equipped with an emission control device which the Administrator has determined will be significantly impaired by the use of leaded fuel. This certificate is issued subject to the conditions specified in 40 CFR 80.24. Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel, otherwise covered by this certificate, which are driven outside the United States, Canada, Mexico, Japan, Australia, Taiwan and the Bahama Islands will be presumed to have been operated on leaded fuel resulting in deactivation of the catalysts. If these vehicles are imported or offered for importation without retrofit of the catalyst, they will be considered not to be within the coverage of this certificate unless included in a catalyst control program operated by manufacturer or a United States Government Agency and approved by the Administrator.



OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Altech-Eco Corporation

(Alternative Fuel Converter)

Certificate Number: HAECT05.03DA-015

Effective Date: 12/08/2016

Expiration Date: 12/31/2017

4.12

Byron J. Bunker, Division Director Compliance Division **Issue Date:** 12/08/2016

Revision Date: N/A

Test Group Name: HAECT05.03DA

Evaporative/Refueling Family Name: HAECR0000ABC

Applicable Exhaust Emission Standards: Federal Tier 2 Bin 4

Applicable Evaporative/Refueling Standards: Federal LEV-II Evap

Engine Displacement: 5.0 Liters

Exhaust Emission Test Fuel Type: CNG

Full Useful Life Miles: Exhaust Emissions: 120,000 miles

Full Useful Life Miles: Evaporative/Refueling Emissions: 120,000 miles

Models Covered: Altech-Eco Corporation: F150 4WD LT TIRE, F150 5.0L 2WD GVWR>7599 LBS, F150 5.0L 4WD GVWR>7599 LBS, F150 PICKUP 2WD, F150 PICKUP 4WD

Vehicle models covered by this certificate were originally produced by Ford Motor Company in model year 2017 to operate on Gasoline and Ethanol and have been modified by the above named

manufacturer to operate on Dedicated CNG.

OEM Vehicle Test Group:HFMXT05.03DL; OEM Evaporative Family:HFMXR0160ABC

Pursuant to section 206 of the Clean Air Act (42 U.S.C.7525) and 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable at both high and low altitude as applicable.

EPA is issuing this certificate subject to the conditions and provisions of 40 CFR 86.1848(c), and 40 CFR 1037 as applicable.

REDUCED FEE CERTIFICATE: EPA is issuing this certificate under the reduced fee provisions of 40 CFR 1027.120. This certificate covers up to 10 vehicles. A revised certificate and an additional fee payment are required if the number of vehicles covered by this certificate exceeds 10 vehicles.

This certificate covers only those new motor vehicles or vehicle engines which conform, in all material respects, to the design specifications that apply to those vehicles or engines described in the documentation required by 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable and which are produced during the 2017 model year production period stated on this certificate of the said manufacturer, as defined in 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable. The manufacturer shall obtain the approval of the California Air Resources Board (in the form of an executive order issued by the California Air Resources Board) prior to introducing any vehicle covered by this certificate into commerce 1) in the State of California, or 2) in a State that, under the authority of Section 177 of the Clean Air Act, has adopted and placed into effect the California standards to which this test group has been certified.

Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel are equipped with an emission control device which the Administrator has determined will be significantly impaired by the use of leaded fuel. This certificate is issued subject to the conditions specified in 40 CFR 80.24. Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel, otherwise covered by this certificate, which are driven outside the United States, Canada, Mexico, Japan, Australia, Taiwan and the Bahama Islands will be presumed to have been operated on leaded fuel resulting in deactivation of the catalysts. If these vehicles are imported or offered for importation without retrofit of the catalyst, they will be considered not to be within the coverage of this certificate unless included in a catalyst control program operated by manufacturer or a United States Government Agency and approved by the Administrator.



OFFICE OF TRANSPORTATION AND AIR QUALITY ANN ARBOR, MICHIGAN 48105

Certificate Issued To: Altech-Eco Corporation

(Alternative Fuel Converter)

Certificate Number: HAECT05.03DA-016

Effective Date: 12/08/2016

Expiration Date: 12/31/2017

4.12

Byron J. Bunker, Division Director Compliance Division **Issue Date:** 12/08/2016

Revision Date: N/A

Test Group Name: HAECT05.03DA

Evaporative/Refueling Family Name: HAECR0000NBC

Applicable Exhaust Emission Standards: Federal Tier 2 Bin 4

Applicable Evaporative/Refueling Standards: Federal LEV-II Evap

Engine Displacement: 5.0 Liters

Exhaust Emission Test Fuel Type: CNG

Full Useful Life Miles: Exhaust Emissions: 120,000 miles

Full Useful Life Miles: Evaporative/Refueling Emissions: 120,000 miles

Models Covered: Altech-Eco Corporation: F150 4WD LT TIRE, F150 5.0L 2WD GVWR>7599 LBS, F150 5.0L 4WD GVWR>7599 LBS, F150 PICKUP 2WD, F150 PICKUP 4WD

Vehicle models covered by this certificate were originally produced by Ford Motor Company in model year 2017 to operate on Gasoline and Ethanol and have been modified by the above named

manufacturer to operate on Dedicated CNG.

OEM Vehicle Test Group: HFMXT05.03DL; OEM Evaporative Family: HFMXR0235NBC

Pursuant to section 206 of the Clean Air Act (42 U.S.C.7525) and 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable, this certificate of conformity is hereby issued with respect to test vehicles which have been found to conform to the requirements of the regulations on Control of Air Pollution from New Motor Vehicles and New Motor Vehicle Engines (40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable) and which represent the new motor vehicle models listed above by test group and evaporative/refueling emission family, more fully described in the application of the above named manufacturer. Vehicles covered by this certificate have demonstrated compliance with the applicable emission standards as more fully described in the manufacturer's application. This certificate covers the above models, which are designed to meet the applicable emission standards specified in 40 CFR Parts 85, 86, 88, 600, 1037, 1065, and 1066 as applicable at both high and low altitude as applicable.

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Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel are equipped with an emission control device which the Administrator has determined will be significantly impaired by the use of leaded fuel. This certificate is issued subject to the conditions specified in 40 CFR 80.24. Catalyst-equipped vehicles designed to be operated on gasoline or flexible fuel, otherwise covered by this certificate, which are driven outside the United States, Canada, Mexico, Japan, Australia, Taiwan and the Bahama Islands will be presumed to have been operated on leaded fuel resulting in deactivation of the catalysts. If these vehicles are imported or offered for importation without retrofit of the catalyst, they will be considered not to be within the coverage of this certificate unless included in a catalyst control program operated by manufacturer or a United States Government Agency and approved by the Administrator.