

Heavy-Duty Program Monitoring Report Post-Inspection

el

Project Number: C-27026-A	Organization: [REDACTED]
Contact Person: [REDACTED]	Phone Number: [REDACTED] Cell: [REDACTED]
Address: [REDACTED]	City: [REDACTED] Alt Ph: [REDACTED]
Site Location: _____	Site City: _____
Site Contact: _____	Site Phone: _____
Total # Engines: 1	Original Project Description: Replace 1 ag tractor for 1 ag tractor
Project Type: Off-Road	Assigned Division & Region: SOUTH

PROJECT VERIFICATION

**	Current Engine				New Engine/Vehicle			
	Eng/Tech Status	Serial Number	Engine Year Make and Model	Vehicle ID Number (VIN)	Engine/Vehicle Year Make and Model	Engine Serial Number	Booster Y/N	Running Y/N
1 A	VhRplc <u>Dis/Boild</u>	45441906	1996 Case Corporation 6T-830	JJA0073541	2014 FPT Industrial F4DFE613J*B		N/A	

NOTES and COMMENTS

<i>Post old</i>

Date of Visit 10/26/15 SJVUAPCD Staff: Kathy Miller

Engine/Technology Legend	
Code	Description
AgNwEc	New Electric Ag Pump
AgRpEc	Existing Ag Pump Engine Replaced with Electric Motor
EnRp	Engine Repower
EnRt	Engine Retrofit
NwVh	New Vehicle

Fuel Legend			
Code	Description	Code	Description
CNG	Compressed Natural Gas	LNG	Liquefied Natural Gas
DSL	Diesel	LNG/DS	Liquefied Natural Gas/Diesel
ELC	Electricity	LPG	Liquefied Petro (Propane)
ETH	Ethanol	MTH	Methanol
GS	Gasoline	NG	Natural Gas

* A = Approved Engine C = Canceled Engine
C-27026-A

**OFF-ROAD VEHICLE COMPONENT VEHICLE REPLACEMENT
POST-MONITORING INSPECTION: OLD EQUIPMENT**

1. Dismantler Information:

Dismantling Facility Name: [REDACTED] @ SA Tulare: 559-688-0271	City:
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2. Old Equipment/Engine Information (if "no", record the correct information)

Equipment Manufacturer: <i>Case IH</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:	<input type="checkbox"/> Unable to verify
Equipment Model: <i>8910</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:	<input type="checkbox"/> Unable to verify
Equipment Model Year: <i>1997</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No:	<input checked="" type="checkbox"/> Unable to verify
Equipment Serial Number: <i>JJA0073541</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: <i>unable to get clear photo</i>	<input type="checkbox"/> Unable to verify
If applicable, Applicant Designated Identification Number for Equipment:		<input checked="" type="checkbox"/> N/A
Engine Make: <i>Case Corporation</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:	<input type="checkbox"/> Unable to verify
Engine Model: <i>6T-830</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:	<input type="checkbox"/> Unable to verify
Engine Model Year: <i>1996</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:	<input type="checkbox"/> Unable to verify
Engine Serial Number: <i>45441906</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:	<input type="checkbox"/> Unable to verify
US EPA Engine Family Name:	<i>412</i>	<input type="checkbox"/> N/A <input type="checkbox"/> Unable to verify
Horsepower Rating: <i>170</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:	<input type="checkbox"/> Unable to verify
Inspector has visually verified and documented with photographs the disposal of the old equipment and its engine:		
<input checked="" type="checkbox"/> Engine has been permanently destroyed with a 6" diameter hole in the engine block.		
<input checked="" type="checkbox"/> Equipment has been rendered permanently inoperable with the structure of the equipment compromised.		

3. Required Photographs –clear photographs of ALL the following must be taken of the old equipment:

<input checked="" type="checkbox"/> Equipment, Right side	<input checked="" type="checkbox"/> Hole in the transmission casing
<input checked="" type="checkbox"/> Equipment, Left side	<input type="checkbox"/> Hole in the axle housing
<input checked="" type="checkbox"/> Equipment, Front	<input checked="" type="checkbox"/> Cut structural components, dismantled frame <input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Equipment, Rear	<input checked="" type="checkbox"/> Destroyed engine block with a 6" diameter hole
<input checked="" type="checkbox"/> Equipment Serial Number and Equipment Info tag(s)	<input checked="" type="checkbox"/> Destroyed attachments, if scrapped <input type="checkbox"/> N/A
<input checked="" type="checkbox"/> Engine Serial Number, data tag or stamped on block	<input checked="" type="checkbox"/> SJVAPCD project #, stamped or marked on engine
<input type="checkbox"/> Equipment ID Number, designated by applicant <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> SJVAPCD project #, stamped or marked on equipment

4. Comments – Document any additional pertinent information below:

5. Inspector Information:

Monitored By (print name):	<i>Kathy Miller</i>	Date:	<i>10/27/15</i>
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Project Number: C-27026-A

Engine Number: 1



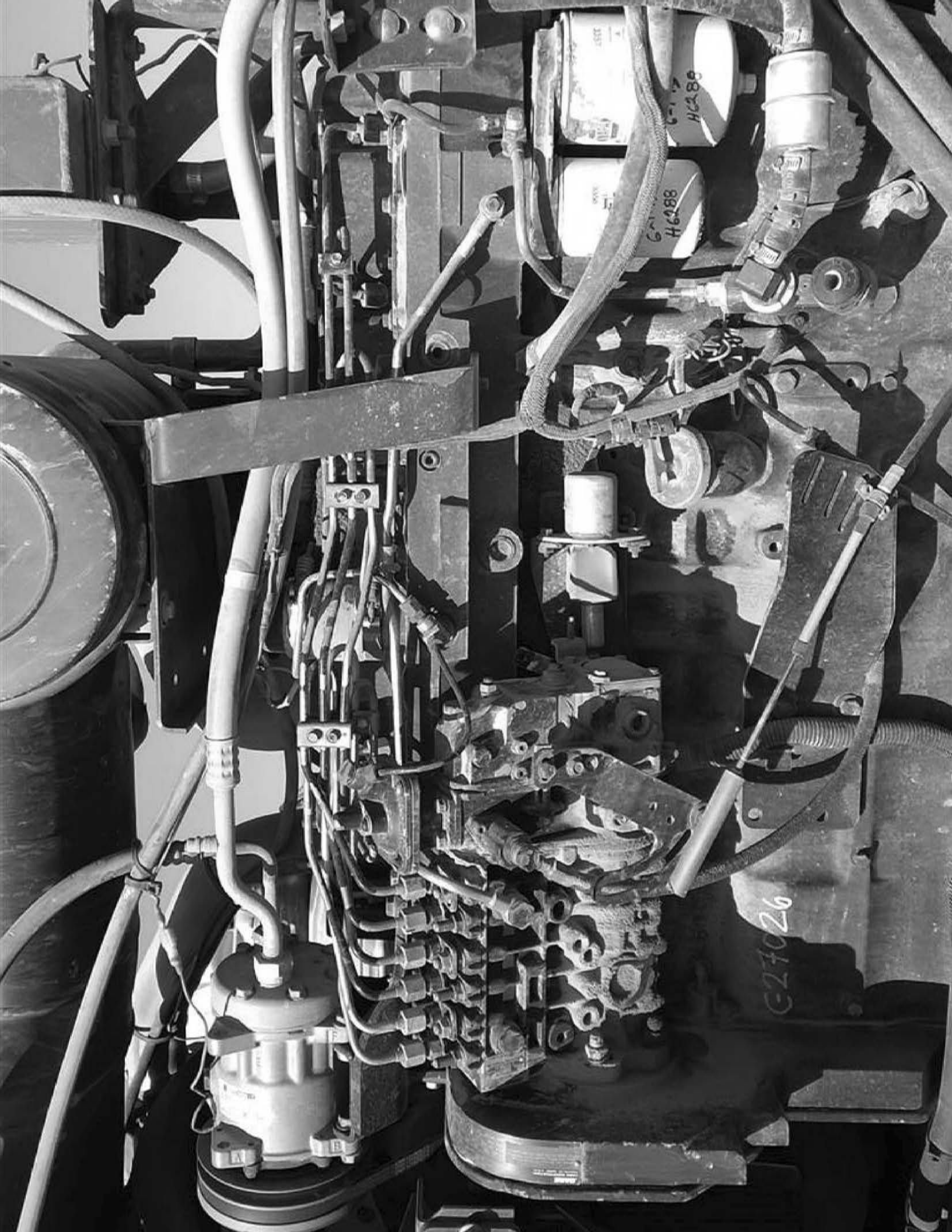




C-27026

6





H6288

H6288

627026



1741

1741

B

825H
6-1-9

Model Number

Product Identification



505/8.3

412

Idle RPM 700-1000

Max. load 0.012

Eng. Order 153

Rated HP/KW 170/121

CASE

CASE CORPORATION
RACINE, WI 53404 U.S.A.

Warning: Injurious May Result And Warranty Exceeds
Fuel Rate, RPM or Altitudes And Applicable
Maximum Values For This Model

Made In U.S.A.

Engine Serial No. 745AA1900A

Part No. 228158A1

Engine Model 6T-830

Fuel rate at rated HP

Timing - TDS

Date of No.

1943

505

CID/L

Family

Low Idle RPM

Valve lash cold

Firing Order

Rated HP/KW

1200

0-012 Int.

1 5 3 6 2 4

170/

0-024 Exh

2200 RPM

127 at

3931343

3931343

Engine Serial No. *A5441906

Part No. 228158A1

Engine Model 6T-830

1943

505/8

CID/L

Family

CO

700 0.024 Exh

Fuel rate at rated HP/KW

Low Idle RPM

0.012 Int.

Timing - TDC

Valve lash cold

1 5 3 6 2 4

Date of Mfg

Firing Order

170/ 127 at 2200 RPM

Rated HP/KW

331643

943

505/8.3

412

CID/L

Family

700 - 1200

Low Idle RPM

0.012

Int.

0.024

Valve lash cord

1 5-3/6 2 4

Firing Order

170/ 127 at 22

Rated HP/KW



CATERPILLAR CORPORATION

CHICAGO, ILLINOIS 60649 U.S.A.

Warranty is void if
alterations exceed published
limits. This model and application
are not covered by this warranty.

3931343









new ✓

Heavy-Duty Program Monitoring Report Post-Inspection

Project Number: C-27026-A Organization: [REDACTED]
 Contact Person: [REDACTED] Phone Number: [REDACTED] Cell: [REDACTED]
 Address: [REDACTED] City: [REDACTED] Alt Ph: [REDACTED]
 Site Location: _____ Site City: _____
 Site Contact: _____ Site Phone: _____
 Total # Engines: 1 Original Project Description: Replace 1 ag tractor for 1 ag tractor
 Project Type: Off-Road Assigned Division & Region: COM SOUTH

PROJECT VERIFICATION

#*	Current Engine				New Engine/Vehicle			
	Eng/Tech Status	Serial Number	Engine Year Make and Model	Vehicle ID Number (VIN)	Engine/Vehicle Year Make and Model	Engine Serial Number	Booster Y/N	Running Y/N
1 A	VhRplc Dis/Sold	45441906	1996 Case Corporation 6T-830	JJA0073541	2014 FPT Industrial F4DFE613J*B	001365208	N/A	Y

NOTES and COMMENTS

Date of Visit 11/20/15

SJVUAPCD Staff: ALAN ABRA

Engine/Technology Legend	
Code	Description
AgNwEc	New Electric Ag Pump
AgRpEc	Existing Ag Pump Engine Replaced with Electric Motor
EnRp	Engine Repower
EnRt	Engine Retrofit
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Fuel Legend			
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ELC	Electricity	LPG	Liquefied Petro (Propane)
ETH	Ethanol	MTH	Methanol
GS	Gasoline	NG	Natural Gas

* A = Approved Engine C = Canceled Engine
C-27026-A

OFF-ROAD VEHICLE COMPONENT VEHICLE REPLACEMENT
POST-MONITORING INSPECTION: NEW EQUIPMENT

1. Equipment Location:

Equipment Location (address)	[REDACTED]
Equipment Location Served:	<input type="checkbox"/> Statewide <input checked="" type="checkbox"/> Air District Only

2. New Equipment/Engine Information (if "no", record the correct information):

Is the new equipment operational?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, explain:
Equipment Manufacturer: <i>Case IH</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:
Equipment Model: <i>Magnum 200</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:
Equipment Model Year: <i>2014</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No: <i>2015</i>
Equipment Serial Number: <i>ZFRH03944</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:
Engine Manufacturer: <i>FPT Industrial</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:
Engine Model: <i>F4DFE613J*B</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No: <i>F4HFE613J*B</i>
Engine Model Year: <i>2014</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No: <i>2015</i>
Engine Serial Number: <i>001365208</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No:
US EPA Engine Family Name: <i>EFPXL06.7SDA</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No: <i>FPPXL06.7SDA</i>
Engine Horsepower Rating: <i>200</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No: <i>165 kW = 221</i>
If applicable, Retrofit Make:	<input checked="" type="checkbox"/> N/A
If applicable, Retrofit Model:	<input checked="" type="checkbox"/> N/A
If applicable, Retrofit Serial Number:	<input checked="" type="checkbox"/> N/A
If available, applicant designated equipment ID number:	<input checked="" type="checkbox"/> N/A
Data Plate Condition:	<input checked="" type="checkbox"/> Intact <input type="checkbox"/> Inaccessible <input type="checkbox"/> Missing <input type="checkbox"/> Illegible, explain:
Number of Cylinders: <i>6</i>	Configuration: <input checked="" type="checkbox"/> Inline <input type="checkbox"/> "V"
Fuel Type:	<input checked="" type="checkbox"/> Diesel <input type="checkbox"/> LPG <input type="checkbox"/> NG <input type="checkbox"/> Other:
Does the engine have an operating hour meter?	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, current meter reading: <i>136.1</i>

3. Required Photographs –clear photographs of ALL the following must be taken of the new equipment:

<input checked="" type="checkbox"/> Equipment, Right Side – hood down	<input checked="" type="checkbox"/> Engine – right side
<input checked="" type="checkbox"/> Equipment, Left Side – hood down	<input checked="" type="checkbox"/> Engine Serial Number and Engine Information tag(s)
<input checked="" type="checkbox"/> Equipment, Front – hood down	<input type="checkbox"/> Equipment ID Number, designated by applicant <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Equipment, Rear	<input type="checkbox"/> Retrofit, if available <input checked="" type="checkbox"/> N/A
<input checked="" type="checkbox"/> Equipment Serial Number and Equipment Info tag(s)	<input checked="" type="checkbox"/> Hour meter reading
<input checked="" type="checkbox"/> Engine – left side	<input type="checkbox"/> DOORS Equipment ID Number, if available <input checked="" type="checkbox"/> N/A

4. Comments – Document any additional pertinent information below:

5. Inspector Information:

Monitored By (print name): <i>ALLAN ABRA</i>	Date: <i>11/20/15</i>
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Project Number: C-27026-A

Engine Number: 1

FPT

FFPXL06.75DA

6.7

L

ADVERTISED POWER:

MODEL: F4HFE613J'B

165@2200

2015

2015

kw@rpm

MODEL YEAR NON

MODEL YEAR NON

ULTRA LOW SULFUR FUEL ONLY

DELEGATED ASSEMBLY

ENGINE COMPLIES WITH U.S. EPA REGULATION AND CALIFORNIA REGULATION FOR
THIS ENGINE IS CERTIFIED TO OPERATE ON: ULTRA LOW SULFUR FUEL ONLY

DDI ECM TC CAC DOC SCR-U AMOX

FPT
FFPXL06.7SDA
6.7 L
ADVERTISED POWER:
MODEL: F4HFE613J*B
165@2200
2015
2015
kW@rpm
MODEL YEAR NON
MODEL YEAR NON
ENGINES
ULTRA LOW SULFUR FUEL ONLY
DELEGATED ASSEMBLY

ENGINE COMPLIES WITH U.S. EPA REGULATION
AND CALIFORNIA REGULATION FOR
THIS ENGINES CERTIFIED TO OPERATE ON: ULTRA LOW SULFUR FUEL ONLY
ECS: DDI EOM TC CAC DOC SCR-U AMOX

SUBJECT: F4HFB613J*B

165@2200

DESCRIPTION

MANUFACTURE DATE (mo - yr)

07-2015

kW@rpm

POWER CAT:

2015

MODEL YEAR NON ROAD AND STATIONARY
130<=kW<560

2015

MODEL YEAR NON ROAD DIESEL
ENGINES

FOR
ULTRA LOW SULFUR FUEL ONLY

DELEGATED ASSEMBLY

SECTION CONT

B B B G

INFORMATION

TYPE

ENGINE PART NUMBER

ENGINE SERIAL NUMBER

GROSS POWER (KW@RPM)

F4HFEB13J*B005

47519631

001365208

165@2200

001365208

7519631

INFORMATION

TYPE
PART NUMBER
SERIAL NUMBER
GROSS POWER (KW@RPM)

F4HFE613J'B005

47519631

001365208

165@2200

0012 208

47519631

MODEL:

F4HFE613J*B

165@2200

ATION

FOR

kW@rpm

2015

MODEL YEAR

2015

MODEL YEAR NON ROAD AND STATIONARY ENGINES

LOW SULFUR FUEL ONLY

DELEGATED ASSEMBLY

MANUFACTURE DATE (mo - yr)

POWER CAT:

07-2015

130<=KW<560

SION CON

EN

ENG

ENG

GROS

475

MODEL: F4HFE613J'B
165@2200
2015
2015
MANUFACTURE
DATE (mo - yr)
POWER
CAT.
kW@rpm
MODEL YEAR NON ROAD AND
MODEL YEAR NON ROAD DIESEL
ENGINES
FUEL ONLY
DELEGATED ASSEMBLY
EPA REGULATION
CALIFORNIA REGULATION FOR
TO OPERATE ON: ULTRA LOW SULFUR FUEL ONLY
CAC DOC SCR-U AMOX

MAGNUM



NORMAL
COLD RANGE
ADD

DM 380

MAGNUM



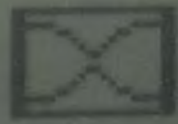
MAGNUM



MAGNUM

220

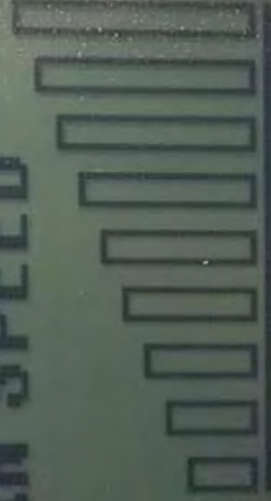


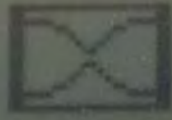


136.1



FAN SPEED

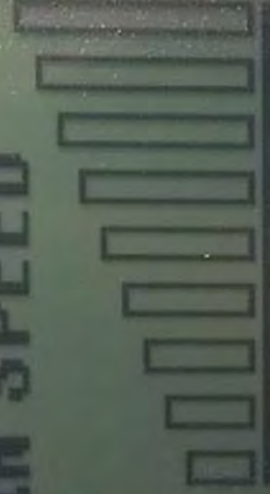




136.1



FAN SPEED









CASE IH

200

MAGNUM

ORTON'S
EQUIPMENT COMPANY



CASE IH

200

MAGNUM

ORTON'S
EQUIPMENT COMPANY







CNH Industrial America LLC

Racine, WI 53404 U.S.A.
Made In U.S.A.

HJ17B1

EEC
Number

Year of
Construction

2015

Model
Year

2015

Product
Identification
Number

ZFRH03944

Permissible Mass (*):

13000

kg

Front Axle Load (*):

4540

kg

Rear Axle Load (*):

6300-9500

kg

depending on the Tires

Permissible Towable Mass:

- Unbraked Towable Mass:
- Independently-Braked Towable Mass:
- Inertia-Braked Towable Mass:
- Towable Mass Fitted with an Assisted Braking System: (Hydraulic or Pneumatic):

3000

6000

8000

26000

Year of
Construction

2015

Model
Year

2015



MP04

Product
Identification
Number

ZFRH03944

Permissible Towable Mass:

- Unbraked Towable Mass: 3000 kg
- Independently-Braked Towable Mass: 6000 kg
- Inertia-Braked Towable Mass: 8000 kg
- Towable Mass Fitted with an Assisted Braking System: (Hydraulic or Pneumatic): 26000 kg

477048

CNH Industrial America LLC
Racine, WI 53404 U.S.A.
Made In U.S.A.

RHJ17B1

EEC
Number

Year of
Construction **2015**

Model
Year **2015**

Product
Identification
Number ***ZFRH03944***

Permissible Mass (*):
Front Axle Load (*): **13000** kg
Rear Axle Load (*): **4540** kg
Loading on the Tires: **6300-9500** kg

Permissible Towable Mass:

- Unbraked Towable Mass: **3000** kg
- Independently-Braked Towable Mass: **6000** kg
- Inertia-Braked Towable Mass: **8000** kg
- Towable Mass Fitted with an Assisted Braking System: (Hydraulic or Pneumatic): **26000** kg