

ORIGINAL INSTRUCTIONS - according to Directives 2006/42/EC, Annex I 1.7.4.1

OPERATOR'S MANUAL

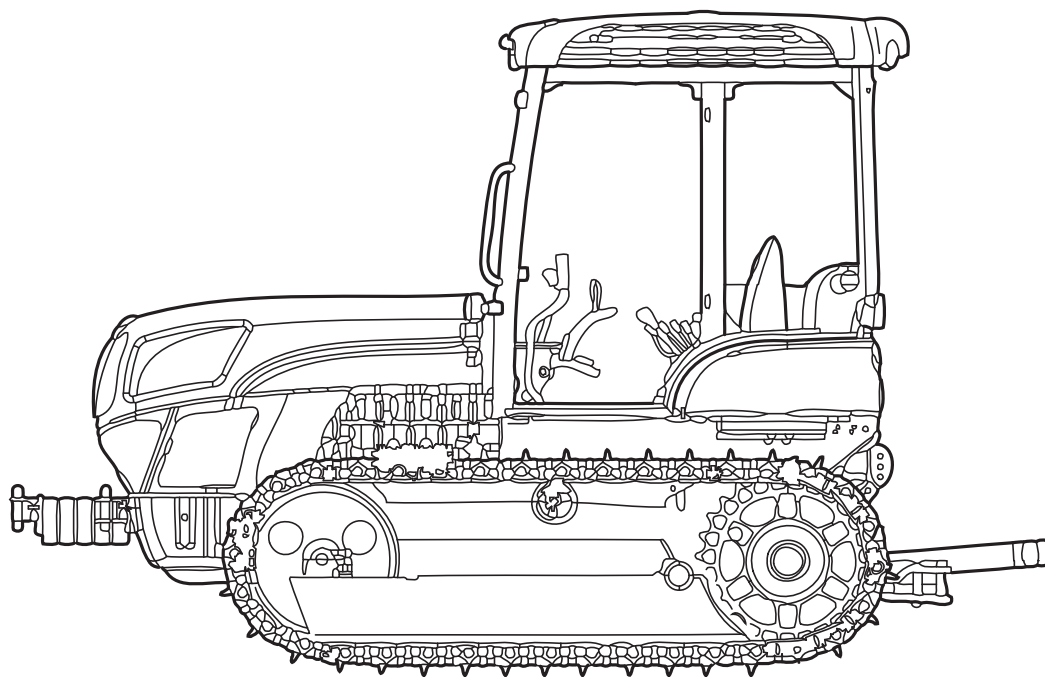
TK4020

TK4030

TK4040

TK4050

TK4060



Part Number 84382195

2nd edition English
October 2010




ELECTRO-MAGNETIC INTERFERENCE (EMC) EUROPE

This machine complies strictly with the European Regulations on electro-magnetic emissions.

However, interference may arise as a result of add-on equipment which may not necessarily meet the required standards.

As such interference can result in serious malfunction of the unit and/or create unsafe situations, you must observe the following:

- Ensure that each piece of non New Holland equipment fitted to the machine bears the  mark.
- The maximum power of emission equipment (radio, telephones, etc.) must not exceed the limits imposed by the national authorities of the country where you use the machine.
- The electro-magnetic field generated by the add-on system should not exceed 24 V/m at any time and at any location in the proximity of electronic components.

Failure to comply with these rules will render the New Holland warranty null and void.

CE DECLARATION OF CONFORMITY DOCUMENT

Class of 2006/42/EC Annex II	EN Declaration of conformity according to Directive 2006/42/EC	ES Declaración CE de conformidad de acuerdo con la Directiva 2006/42/CE	ET vastavõtteklaratsioon vastavalt direktiivile 2006/42/EÜ	FI vastatamiskokemuksen todistus direktiivien 2006/42/EY mukaisesti	DE CE Conformitätsklärung nach Richtlinie 2006/42/EG	EL Δήλωση Συμμόρφωσης EK σύμφωνα με τη Οδηγία 2006/42/ΕΚ	IT Dichiarazione di conformità WE ai sensi della direttiva 2006/42/CE
1.A.1	Represented by Giuseppe Gavelli, CNH ITALIA S.P.A., Viale delle Nazioni, 55 41122 Modena	representado por Giuseppe Gavelli, CNH ITALIA S.P.A., Viale delle Nazioni, 55 41122 Modena	Espetador Giuseppe Gavelli, CNH ITALIA S.P.A., Viale delle Nazioni, 55 41122 Modena	edustajajana Giuseppe Gavelli, CNH ITALIA S.P.A., Viale delle Nazioni, 55 41122 Modena	vertreten durch Giuseppe Gavelli, CNH ITALIA S.P.A., Viale delle Nazioni, 55 41122 Modena	επιτελεσθέντων από Giuseppe Gavelli, CNH ITALIA S.P.A., Viale delle Nazioni, 55 41122 Modena	Illeggiadibilità del prodotto (2) Tecnico nome (2) Modello (3) Tipo (4) Numero di serie (5)
1.A.2	describes our sole responsibility, that the product is safe to use in accordance with the provisions of the Directive, the following (harmonized) standards have been applied:	de describe, bajo nuestra exclusiva responsabilidad, que el producto es seguro de utilizar de acuerdo con las disposiciones pertinentes de la Directiva 2006/42/CE, modificada por (E) (2)	deklaratsioon meie ainulaadse vastutuse eest, et toode on kasutamise suhtes ohutu vastavalt direktiivile 2006/42/EÜ ja selle muudatustele (E) (2)	edustajajana vastavalt direktiividele 2006/42/EY ja selle muudatustele (E) (2)	erklären auf unsere alleinige Verantwortung, dass das Produkt sicher zu verwenden ist, wenn es den in dieser Erklärung beschriebenen, auf der Richtlinie 2006/42/EG beruhenden (harmonisierten) Normen entspricht (2)	εκθέτουμε αποκλειστικά και μόνο την ευθύνη μας για το προϊόν, σύμφωνα με τις διατάξεις της Οδηγίας 2006/42/ΕΚ, όπως τροποποιείται από (E) (2)	Declaro que el fabricante es responsable de la conformidad del producto con la Directiva 2006/42/CE, modificada por (E) (2)
1.A.3	to which this declaration refers, affirms all the relevant provisions of the Directive, the following (harmonized) standards have been applied:	af cual se refiere la presente declaración, afirma el cumplimiento de las disposiciones pertinentes de la Directiva 2006/42/CE, modificada por (E) (2)	millega selle deklaraatsiooni viitavale, väitab selle direktiivi 2006/42/EÜ ja selle muudatustele (E) (2)	johtoa tälle deklaraatioonille viittaen, väittää tässä direktiivissä 2006/42/EY ja sen muutoksissa (E) (2)	auf das sich diese Erklärung bezieht, affirmiere ich alle relevanten Bestimmungen der Richtlinie 2006/42/EG sowie die folgenden (harmonisierten) Normen entsprechend (2)	στο οποίο αυτή η δήλωση αναφέρεται, επιβεβαιώνει ότι ο κατασκευαστής συμμορφώνεται με όλες τις σχετικές διατάξεις της Οδηγίας 2006/42/ΕΚ, όπως τροποποιείται από (E) (2)	al qual se refiere la presente declaración, afirma el cumplimiento de las disposiciones pertinentes de la Directiva 2006/42/CE, modificada por (E) (2)
1.A.4	to which this declaration refers, affirms all the relevant provisions of the Directive, the following (harmonized) standards have been applied:	Para la implementación de las disposiciones de la Directiva 2006/42/CE, modificada por (E) (2)	Direktiivi nõuetähtahta tähtsuseti rakendades vastavalt direktiivile 2006/42/EÜ ja selle muudatustele (E) (2)	Direktiivin vaatimusten täytäntöönpanon osaksi sovellettiin seuraavissa yhdenmukaistettujen standardissa:	Zu den angeführten Vereinbarkeitsfestlegungen in der Richtlinie sowie den folgenden (harmonisierten) Normen entsprechend (2)	στο οποίο αυτή η δήλωση αναφέρεται, επιβεβαιώνει ότι ο κατασκευαστής συμμορφώνεται με όλες τις σχετικές διατάξεις της Οδηγίας 2006/42/ΕΚ, όπως τροποποιείται από (E) (2)	Para la implementación de las disposiciones de la Directiva 2006/42/CE, modificada por (E) (2)
1.A.5	Place and date of the declaration (7)	Lugar y fecha de la declaración (7)	Deklaratsiooni väljandamise koht ja aeg (7)	Väljastamise koht ja aeg (7)	Ort und Datum der Erklärung (7)	Τόπος και ημερομηνία της δήλωσης (7)	Nombre y fecha de la persona autorizada (8)
1.A.6	Name and signature of the authorized person (8)	Nombre y firma de la persona autorizada (8)	Nõuetähtahtaja nimi ja ametikoht (8)	Vastutavate isikute nimi ja ametikoht (8)	Name und Unterschrift des Befugten (8)	Όνομα και υπογραφή του εξουσιοδοτημένου προσώπου (8)	Nombre y firma de la persona autorizada (8)



Here above is provided copy of the "CE" Declaration of Conformity (EC Declaration of Conformity according to **2006/42/EC**). The EC Declaration of Conformity is the manufacturer's declaration about equipment compliance to relevant EU provisions.

Please keep the original document in a safe place. Local authorities may require you to show this document in order to assure compliance with your equipment.

Translation of this declaration in your own country language is provided on the original document.

For your better and easier understanding of the document you'll find original text reproduced hereafter together with some notes.

Clause of 2006/42/EC Annex II	EN EC Declaration of conformity According to Directive 2006/42/EC.
1.A.1	We, [1]
1.A.2	Represented by Giuseppe Gavioli, CNH Europe Holding S.A. 13, Rue Aldringen L-1118 Luxembourg
1.A.3	declare under our sole responsibility, that the product: Agricultural tractor Trade Name: [2] Model: [3] Type: [4] Serial Number: [5]
1.A.4	to which this declaration relates, fulfils all the relevant provisions of the Directive 2006/42/EC, amended by [6].
1.A.7	For the relevant implementation of the provisions of the Directive, the following (harmonised) standards have been ap- plied: • ISO 26322-1 part 1 or 2 Other standards: see Operators Manual
1.A.9	Place and date of the declaration: [7]
1.A.10	Name and signature of the authorised per- son: [8]

HEALTH AND SAFETY RELATED STANDARDS APPLIED TO YOUR TRACTOR

- FOPS level on your tractor cab is certified according to **OECD Code 10**.
- The cab is certified **Category 1** according to **EN 15695-1**.
- NOISE EMISSION LEVELS are rated according to **77/311/EEC**.
- ROPS PROTECTION is certified according to **EN 15694**.

NOTE: See safety section 1 in this manual for further explanation and details on above mentioned standards and specific terminology.

METRIC AND IMPERIAL UNITS ABBREVIATIONS

TYPICAL APPLICATIONS	RECOMMENDED SI (METRIC) UNITS		IMPERIAL UNIT	
	NAME	SYMBOL	NAME	SYMBOL
AREA				
Land area	hectare	ha	acre	
	square meter	m ²	square foot square inch	ft ² in ²
	square millimetre	mm ²	square inch	in ²
ELECTRICITY				
	ampere	A	ampere	A
	volt	V	volt	V
	microfarad	μF	microfarad	μF
	ohm	Ω	ohm	Ω
FORCE				
	kilonewton	kN	pound	lb
	newton	N	pound	lb
FORCE PER LENGTH				
	newton per metre	N/m	pound per inch	lb/in
FREQUENCY				
	megahertz	MHz	Megahertz	MHz
	kilohertz	kHz	kilohertz	kHz
	hertz	Hz	hertz	Hz
FREQUENCY – ROTATIONAL				
	revolution per minute	r/min rpm	revolution per minute	r/min ^(a) rpm
LENGTH				
	kilometre	km	mile	mi
	meter	m	foot	ft
	centimetre	cm	inch	in
	millimetre	mm	inch	in
	micrometer	μm		
MASS				
	kilogram	kg	pound	lb
	gram	g	ounce	oz
	milligram	mg		

TYPICAL APPLICATIONS	RECOMMENDED SI (METRIC) UNITS		IMPERIAL UNIT	
	NAME	SYMBOL	NAME	SYMBOL
POWER				
	kilowatt	kW	horsepower	Hp
	watt	W	Btu per hour Btu per minute	Btu/hr Btu/min
PRESSURE or STRESS (FORCE PER AREA)				
	kilopascal	kPa	pound per square inch inch of mercury	psi inHg
	pascal	Pa	inch of water	inH ₂ O
	megapascal	Mpa	pound per square inch	psi
TEMPERATURE (other than THERMODYNAMIC)				
	degrees Celsius	°C	degrees Fahrenheit	°F
TIME				
	hour	h	hour	h
	minute	min	minute	min
	second	s	second	s
TORQUE (includes BENDING MOMENT, MOMENT OF FORCE, and MOMENT OF A COUPLE)				
	newton meter	N m N m	pound foot pound inch	lb ft lb in
VELOCITY				
	kilometre per hour	km/h	mile per hour	mph
	meter per second	m/s	foot per second	ft/s
	millimetre per second	mm/s	inch per second	in/s
	meter per minute	m/min	foot per minute	ft/min
VOLUME (includes CAPACITY)				
	cubic meter	m ³	cubic yard	yd ³ cu yd
	litre	l	cubic inch	in ³
	litre	l	US gallon UK gallon US quart UK quart	US gal UK gal US qt UK qt
	millilitre	ml	fluid ounce	fl oz

TYPICAL APPLICATIONS	RECOMMENDED SI (METRIC) UNITS		IMPERIAL UNIT	
	NAME	SYMBOL	NAME	SYMBOL
VOLUME PER TIME (includes DISCHARGE and FLOW RATE)				
	cubic meter per minute	m ³ /min	cubic foot per minute	ft ³ /min
	litre per minute	l/min	US gallon per minute	US gal/min
	millilitre per minute	ml/min	UK gallon per minute	UK gal/min
SOUND POWER LEVEL and SOUND PRESSURE LEVEL				
	decibel	dB	decibel	dB

TABLE OF CONTENTS

1 – General Information and Safety

2 – Controls, Instruments and Operation

3 – Field Operation

4 – Lubrication and Maintenance

5 – Troubleshooting

6 – Vehicle storage

7 – Accessories

8 – Specifications and Data

9 – Index

Page

CE Declaration of Conformity document	1
Health and safety related standards applied to your tractor	2

Section 1 – Introduction and safety measures

Communication for the user	4–9
Tractor identification	1–2
Important ecological considerations	1–4
Always work safely	1–5
For working safely	1–6
Safety decals	1–12
Tractor noise level information sheet	1–22
Tractor vibration level information sheet	1–23
ROPS (roll over protection system)	1–23
Fire or explosion prevention	1–25
Intended use of your tractor	1–27
Tractors main components	1–30

Section 2 – General Information, Controls and Instruments

General notes, controls and instruments	2–1
Control panel	2–2
Controls and instruments	2–5
Seat adjustment	2–7
Transmission with range gear and shuttle (8F+8R)	2–21
Transmission with range gear and creeper (16F+8R)	2–22

Section 3 – Field operation

Field operation	3-1
Operating instructions	3-2
Running in procedure	3-5
Checks before using the tractor	3-5
Transporting the tractor	3-5
Steering clutches and brakes	3-6
Central clutch	3-7
Power take off	3-10
Hydraulic Power lift	3-13
Implement linkage point	3-17
Equipment mounting points	3-19
Towing equipment	3-20
Remote control valves	3-23

Section 4 – Lubrication and maintenance

Lubrication and maintenance	4-1
Introduction	4-1
Running in period	4-2
Tractor refuelling	4-3
Lubrication and maintenance table	4-6
Flexible maintenance	4-9
When the indicator light illuminates on the dashboard	4-15
Every 10 hours of work	4-17
Every 50 hours of work	4-18
Every 100 hours	4-20
Every 300 hours of work	4-22
Every 500 hours of work	4-25
Every 600 hours of work	4-28
Every 1200 hours of work or every year	4-31
Every 1200 hours of work or every 2 years	4-34
Every 1800 hours of work	4-37
Electrical system	4-38

Section 5 – Troubleshooting

Engine	5-2
Electrical system	5-5
Hydraulic system	5-7
Hydraulic Power lift	5-8

Section 6 – Vehicle storage

Section 7 – Accessories

Quick fit implement linkage	7-2
Cross member with attachment holes	7-4
Weights	7-4

Section 8 – Specifications

Section 9 – Index

GENERAL INFORMATION AND SAFETY MEASURES

SERVICE PARTS

“Non–original” spare parts have not been tested or authorised by the Manufacturer.

Installment and/or use of such products may adversely affect the tractor’s design specifications, thereby compromising operational safety. The manufacturer cannot be held responsible for any damage resulting from the use of “non–original” spare parts. No modifications may be made to the tractor without written authorisation from the Manufacturer

WARRANTY

The tractor is guaranteed in accordance with current legislation in your country and in line with contractual agreements reached with the dealer at the time of sale.

However, the warranty is no longer valid if the rules and instructions for the use and maintenance of the tractor, described in this Manual, are not observed.

 **WARNING** 

The engine and the fuel circuit have been designed to satisfy current regulations on the emissions standards for pollutants. Tampering by the dealer, end customer or machine operator is strictly forbidden. Failure to comply with this rule could give rise to fines, reconditioning costs and invalidation of warranty as well as any legal action and confiscation of the vehicle until its original factory conditions are restored. Restoring the engine to its natural state may only be done by certified/authorized technical personnel.

CLEANING THE TRACTOR

- Never stand too close to the tractor or direct the water jet on electrical components, seals or intake openings, etc.
- Never direct jets of cold water at the hot engine or exhaust. See also Section 3 (Recommendations for bodywork maintenance).

TRACTOR IDENTIFICATION

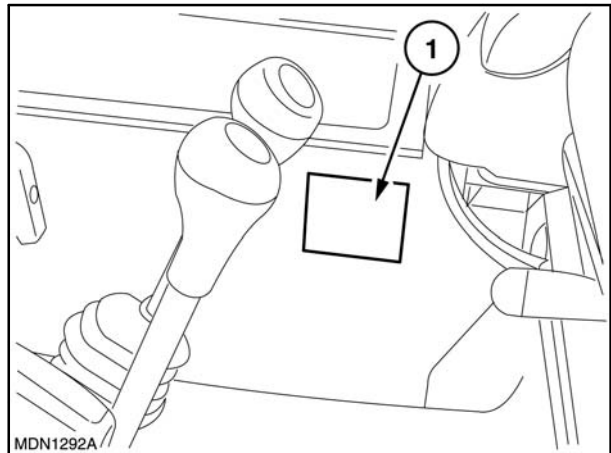
Serial numbers identify the tractor and its main components. The identification data must be supplied by the dealer for requests for spare parts or service operations. Identification data is of fundamental importance in the event of theft of the tractor. The location of the various identification data is shown below.

Frame and engine type identification – Fig. 1

The data are shown on the plate (1) on the right-hand side.

Indicate below the corresponding serial number.

N° _____



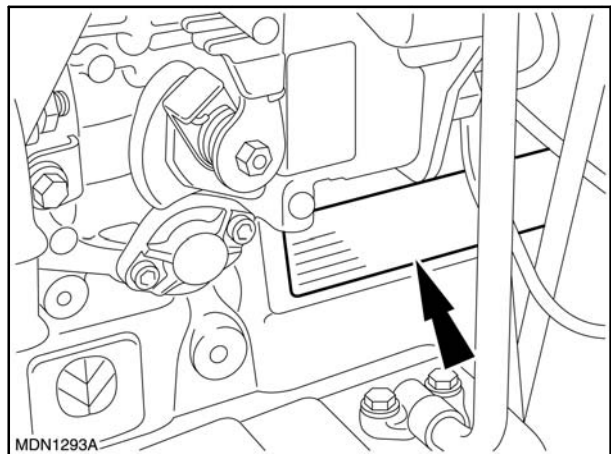
1

Engine number and type identification data (MODELS TK4020, TK4030 AND TK4040) – Fig. 2

The plate with the engine data installed on the tractor is fitted on the left-hand side of the engine near the hydraulic pumps.

Indicate below the corresponding serial number.

N° _____



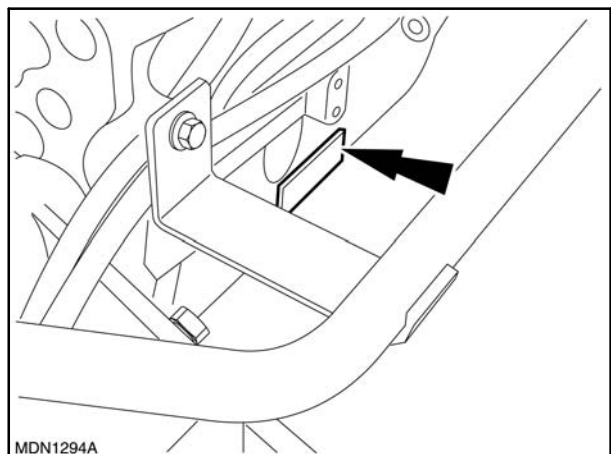
2

Engine number and type identification data (MODEL TK4050 TK4060) – Fig. 2

The plate with the engine data installed on the tractor is fitted on the left-hand side of the engine.

Indicate below the corresponding serial number.

N° _____



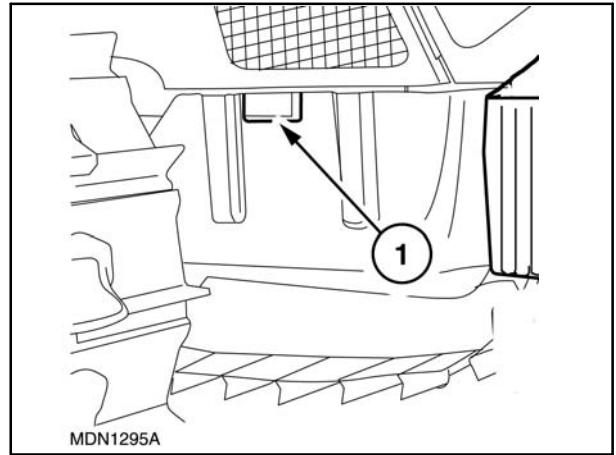
3

Frame number and type identification data – Fig. 4

The serial number and frame type are shown on a plate (1) located on the right-hand side of the frame.

Indicate below the corresponding serial number.

N°



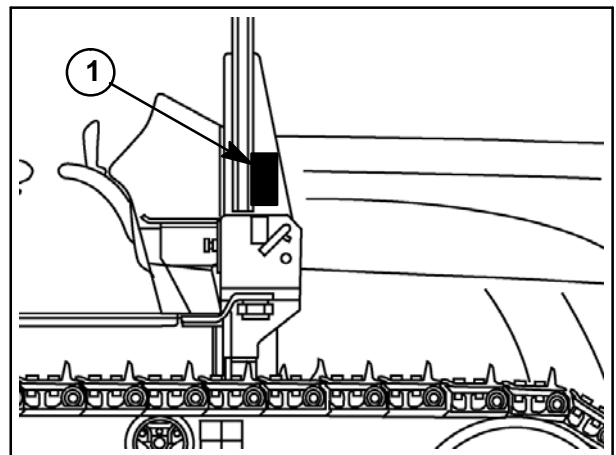
4

Roll bar identification data – Fig. 4

The frame serial number is given on the plate (1) on the right-hand side.

Indicate below the corresponding serial number.

N°



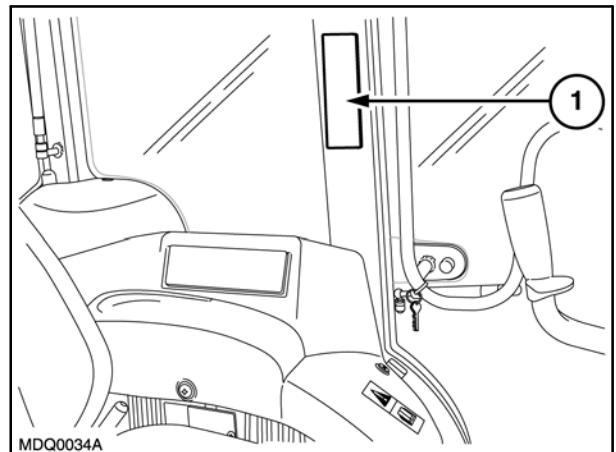
5

Cab identification data – Fig. 4

The cab serial number is shown on the plate (1) located on the left-hand upright inside the cab.

Indicate below the corresponding serial number.

N°



6

IMPORTANT ECOLOGICAL CONSIDERATIONS

Soil, air and water are essential elements for agriculture and for life on in general. If local legislation does not control the treatment of certain substances, the production of which is necessitated by advanced technologies, products derived from chemical and petrochemical products must be used and disposed of according to the rules of common sense.

The following recommendations may be of help:

- Find out what the relevant legislation in your country stipulates.
- Ask your suppliers of lubricants, oils, fuels, anti-freeze, detergents, etc. for information on the effects of these products on humans and the environment and for instructions concerning their use, storage and disposal. In many cases, local agricultural consultants will be able to provide assistance.

SUGGESTIONS

1. Avoid using unsuitable, pressurised filling systems or fuel cans when filling tanks, as these may cause considerable spillage and leakage of liquids.
2. As a general rule, do not allow liquid fuels, lubricants, acids, solvents, etc., to come into contact with the skin. The majority of these products contain substances that are potential health hazards.
3. Modern lubricants contain additives. Do not burn contaminated fuel oils and/or oils used in conventional heating systems.
4. Avoid spillage when transferring used engine cooling liquids, engine and transmission lubricants, hydraulic oils, brake fluids, etc. Never mix used brake oil with fuel oil, or fuel oil with lubricants. Store safely until suitable disposal can be arranged according to national legislation or local regulations.
5. Modern anti-freeze liquids and solutions, e.g. anti-freeze and other additives, must be replaced every two years. They must not be left to be absorbed into the ground, but must be collected and disposed of in a suitable manner.
6. Any leakage or defect in the engine cooling or hydraulic systems must be repaired immediately.
7. When welding, make sure that hoses are properly protected as sparks or molten material may puncture or weaken the tubes and sleeves, resulting in leakage of oil, cooling liquid, etc.
8. Do not adjust the setting of the fuel delivery system as this will alter the emission of exhaust fumes.

NOTE: *The engines installed on the tractors comply with anti-pollution legislation.*

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com