



**AGCO TRACTORS**  
**2 YEAR / 2000 HOURS**

[agcocorp.com.au](http://agcocorp.com.au)



**FIRST OWNER** **DATE** \_\_ / \_\_ / \_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

**SECOND OWNER** **DATE** \_\_ / \_\_ / \_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

**THIRD OWNER** **DATE** \_\_ / \_\_ / \_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

**FOURTH OWNER** **DATE** \_\_ / \_\_ / \_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

**FIFTH OWNER** **DATE** \_\_ / \_\_ / \_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

**THIS MANUAL AND THE OPERATORS MANUAL MUST BE PASSED ON TO THE NEXT OWNER. ALL GUARDS AND SAFETY FEATURES MUST BE IN GOOD ORDER WHEN PASSED ON TO SUBSEQUENT OWNERS TO COMPLY WITH LEGAL LIABILITY REQUIREMENTS.**

**AS THE OWNER OF A NEW AGCO TRACTOR, YOU SHOULD KNOW YOUR ENTITLEMENTS UNDER THE AGCO AUSTRALIA LIMITED WARRANTY.**

Your Dealer will, on installation of your NEW TRACTOR, hand you this booklet which contains:

1. Warranty terms and conditions and general advice
2. Roll-over Protective Structure and Safety Guard Warning
3. A Pre-Delivery Check Sheet
4. An Installation and Warranty Registration Certificate

The Pre-Delivery Check Sheet, properly signed by your Dealer or their Representative, indicates that your NEW TRACTOR has been properly checked over and adjusted prior to delivery to you. One signed copy will be left in this booklet for your record.

At installation of your NEW TRACTOR, your Dealer or their Representative will carefully explain to you all the points listed on the Installation and Warranty Registration Certificate, ticking off each item as it is dealt with.

On completion of this work and of a satisfactory demonstration, you will be asked to sign and date all copies. All work specified on the Certificate and the voucher must be completed to validate the warranty. One copy will remain in the booklet for your record.

To remain eligible for Warranty you must carry out the scheduled service checks which are listed in the Operator's Manual, and obtain the samples for oil analysis (if required). These checks are your responsibility and are necessary to continue your warranty. They are not free where carried out by a dealer and the travel to the machine is at the owner's expense for service or warranty work.

Please look to your Dealer for advice, information, genuine parts and properly trained Servicemen.

## WARRANTY ADVICE TO THE OWNER

This AGCO tractor is designed to pull, or P.T.O. drive, agricultural types of implements either with a drawbar or linkage. It is not an industrial bulldozer, scraper or tank carrier even though it could be adapted for such purposes.

In applications where unusual features are required the customer shall inform the dealer and obtain technical advice or warranty may be limited or void. Failure to declare unusual "add ons" in some applications could void warranty by applying loads not anticipated by the designers. For example some laser grading scrapers transfer excessive load to the drawbar so special use and ballasting conditions apply.

To obtain optimum life and economy from your tractor and tyres it must be correctly ballasted. To save fuel and wear ballast should be removed when not required.

The tractor must also receive the recommended care and maintenance. It should be kept sheltered when not in use and not subjected to abnormal conditions of operation, e.g. in salt water, quarry areas, mines, corrosive atmospheres or cleaned with extreme pressure hoses.

To meet the conditions of the Warranty the normal maintenance schedule as specified in the Operators Manual must be carried out. In addition it is essential that the installation booklet procedures are carried out and the completed certificates returned to AGCO Australia Limited within seven days of the work being carried out. Failure to comply with these service procedures will void the warranty.

All of the tractor is covered by the **2 years or 2000 hours (whichever is soonest)** warranty except for the items listed below:

1. Items covered by a specific manufacturer's warranty, such as:

• Tracks	Manufacturer's warranty or AGCO Australia Limited
• Tyres	Tyre company distributor
• Batteries	12 months only AGCO Australia Limited
• Engine and Fuel System	Manufacturer's warranty or AGCO Australia Limited
• Electric Starter	Manufacturer's warranty or AGCO Australia Limited
• Alternator	Manufacturer's warranty or AGCO Australia Limited
• Radio	Manufacturer's warranty
• Turbocharger	Warranty per engine warranty AGCO Australia Limited

Note: Injectors are not warranted when damaged by poor fuel and are limited to 50 hours.

Your authorised AGCO Australia Dealer will be able to arrange manufacturer's warranty if applicable.

2. The following items are covered ONLY for 12 months if manufacture default and/or material failure. Paintwork, decals, glass, plastic, rubber, caps, external oil seals, battery connections, floor mats.
3. The following items are considered consumable items are replaced at the OWNER'S expense. Lubricants, coolant, filters, airconditioning gas, seat coverings, light globes, fuses, wiper blades.
4. With some parts the wear rate is controlled by the operator so the following wearing parts are not considered warrantable when worn, even if they have to be replaced at less than 1 year, unless a demonstrated defect in materials or workmanship is the cause of the failure.
  - Tyres damaged by rocks or petroleum products
  - Turbochargers damaged by rapid engine shutdown
  - P.T.O. spline shafts, drawbar, linkage and pins (wear and tear).

Wearing parts of the engine, such as piston rings and bearings, are covered by the manufacturer's warranty but not when dusted due to faulty intake system or from excessive idling causing bore glazing. Refer to the engine manufacturers booklet or operators manual for correct engine maintenance and run in procedure.

5. Consumable items such as oil, coolant, filters, belts, etc, are not considered part of a warrantable repair unless shown to be also faulty.
6. Warranty work carried out after normal hours and requiring extra air freight cost to save time will not be covered by special warranty allowances from AGCO Australia Limited.
7. Noise levels in engine, gear boxes, hydraulics are not the subject of warranty and may vary from one tractor to another. Noticeable noises such as gear noises do not necessarily indicate faulty components, especially when the observer is standing outside the cab.

#### **PROCEDURE FOR WARRANTY WORK**

1. Contact your dealer and discuss the problem. Note that you must deliver the tractor to the dealership or agree to the field travel charges as required by your dealer.
2. The repair is carried out and the dealer submits a claim to AGCO Australia Limited. He will invoice you for any non warranty components of the costs such as travelling, cleaning of machine, consumables, etc, and removal of any attachments if supplied to the dealer with the tractor.
3. A separate invoice marked "pending warranty settlement" will be issued showing the full amount of parts and labour possibly covered by warranty.
4. When the dealer receives his credit from AGCO Australia Limited he will then credit your account.

The method above will clearly show the costs of the warranty, non warranty and other related costs.

**THE FORMAL TERMS OF THE WARRANTY**

- A. The benefits conferred on the owner by this warranty are in addition to all other rights and remedies which the owner has in law in respect of the tractor.
- B. AGCO Australia Limited (“the Company”) hereby warrants to the owner of the AGCO manufactured tractor identified in this Warranty Manual (“the Tractor”) that subject to the conditions and the proviso set out below the Company will pay the cost to repair or replace any original part of the Tractor which fails due to faulty materials or workmanship during the period of **2 years or 2000 hours (whichever is soonest)** after the installation date as noted on the certificate.
- C. The Company also warrants to the Owner that the Company will further repair or replace any part fitted to the Tractor under the terms of the warranty set out above and which in turn fails due to faulty materials or workmanship on the same terms and conditions and subject to the same proviso as the warranty on the original part provided that such further warranty shall extend to the end of the warranted year.
- D. **CONDITIONS**
  - 1. The validation of this warranty and its continuing validity are conditional upon:
    - (a) The Tractor being installed by an authorised AGCO Australia dealer, and the Installation Certificate in this Warranty manual being completed and lodged with the Company, within 7 days.
    - (b) The services and inspections have been carried out as referred in the Operator’s Manual.
    - (c) The owner notifying the dealer immediately the owner becomes aware of a defect in the Tractor and the owner’s acceptance of responsibility, either for the delivery of the Tractor to the dealer’s premises or the cost of the dealer attending at the premises where the Tractor is located, to have the warranted repairs or replacements carried out.
    - (d) The Tractor being otherwise operated, serviced and maintained in accordance with the Operator’s manual.
  - 2. This warranty:
    - (a) is invalidated if the Company reasonably considers the part which is the subject of the claim has not been fitted in accordance with the recommended AGCO procedures or has been subjected to abnormal or improper use or modified, altered, repaired, neglected or used in such a way as to adversely affect its performance or to create stress in excess of the original design stress by use, for example, with unapproved attachments.
    - (b) is limited to the repair of defective parts or the supply of replacement parts to the premises of the dealer who installed the Tractor and the direct labour cost of the replacement of the repaired or new part in accordance with the Company’s repair time schedule.
    - (c) does not apply to the following items, which maybe the subject of separate warranty given by the manufacturer:
 

• Starter Motor	• Alternator	• Batteries	• Radio
• Engine	• Tyres	• Fuel System	
    - (d) excluded from this warranty are items liable to deterioration or wear and tear:
 

• Paintwork	• Decals	• External Oil Seals	• Rubber, caps
• Glass	• Floor Mats	• Plastic	• Battery Connectors
    - (e) is not given in respect of the following items insofar as they are subject to normal and unavoidable wear, but covers defects in materials and workmanship in respect of the see items.
 

• Brake lining.
• Belts and pulleys.
• P.T.O. shafts and linkage or drawbar pins.

- (f) does not cover the following consumable items:
- |                       |                |                                |           |
|-----------------------|----------------|--------------------------------|-----------|
| • Oil and Coolant     | • Light Globes | • Sealant                      | • Filters |
| • Airconditioning Gas | • Sealed Beams | • Adhesive or Fastener locking | • Mirrors |
| • Seat Covers         | • Fuses        | • Wiper Blades                 |           |
- (g) does not apply to a part which replaces an original part if the replacement part mates with another original worn part in or on the Tractor.
- (h) does not cover the removal and replacement of attachments not supplied by AGCO Australia.

#### E. LIMITATION OF LIABILITY

The following provisions shall operate to the extent permitted by law, subject always to certain laws which make certain warranties, conditions and representations incapable of exclusion or limitation –

- (a) The warranty contained in this booklet is the only warranty given by the Company or the Dealer to the owner in respect of products and services supplied by the Dealer and all express and implied conditions, warranties and representations (whether contractual or otherwise) whether arising under statute or by implication of law, custom or usage with respect to products or services supplied by the Dealer to the owner shall not apply, and all such conditions and warranties and representations (if any) are expressly negated. Without limiting the generality of the foregoing, in no event shall the Company or the Dealer be liable to the owner for any loss, death, injury, expense or damage (including but not limited to transportation costs, loss of crops, inconvenience, rental or replacement equipment, loss of profits, or other commercial loss) however arising (including but not limited to arising as a result of in respect of defective products or defective services) whether under statute or from the negligence of the Company or the Dealer or by breach of contract by the Company or the Dealer or otherwise and whether original or vicarious.
- (b) Where any of these provisions would but for this paragraph purport to exclude, restrict or modify or have the effect of excluding, restricting or modifying any rights or remedies granted to the owner (whether by a State, Federal or Territory Law) which rights or remedies are not capable of being excluded, restricted or modified, then such a clause or part of a clause shall not apply to the extent to which any such right or remedy is granted to the owner.
- (c) Where a right or remedy which is not capable of exclusion, restriction or modification is granted to the owner by a law referred to in paragraph (b) and that law allows the Company and the Dealer to limit their liability with respect to the right or remedy, then the liability of the Company and the Dealer is limited solely to the higher of –
- (i) The minimum level permitted by law;  
and
- (ii) (A) In the case of products, a liability to –  
 (AA) Replace the product or supply an equivalent product.  
 (BB) Pay to the owner the cost of replacing the product or buying an equivalent product: or  
 (CC) Pay to the owner the cost of having the product repaired –  
 As the Company and the Dealer may decide; and  
 (B) In the case of services (including repairs) a liability to –  
 (AA) Supply the service again; or  
 (BB) Pay the cost of having the service supplied again;  
 As the Company and the Dealer may decide.

## **SUPPLEMENT TO THE OPERATORS MANUAL SAFETY & TECHNICAL NOTES – ALL TRACTORS**

The following notes have been prepared in addition to the advice in the Operators Manual, for the purpose of ensuring safe, reliable and effective operation of your tractor.

In Australia and New Zealand, regulations require employers (or farmers) to assess the hazards and reduce the risks of injury in the application of machinery. Since the use of tractors is so varied additional precautions or safety measures may be required in some applications. The following notes are not comprehensive for all situations.

Tractors are designed primarily to pull implements via the drawbar or linkage or to drive implements through their P.T.O. To achieve the most efficient pulling capability within the capacity of the transmission, especially with a front wheel assist tractor, the points listed below about the axle load and wheelslip must be observed.

If additional equipment other than implements is fixed to the tractor the extra loads must conform to the specifications as noted in the Manual or as advised by your dealer.

### **1. Front Axle Load: Front Wheel Assist Tractors**

The front axle should carry approximately 35% of the load prior to fitting an implement. Therefore, some adjustment to weight distribution may be required to ensure the front axle does its share of the work and the tractor rides smoothly.

When using front end loaders ensure that there is sufficient weight on the rear axle to provide traction and stability. A counterweight is strongly recommended. Use 2WD only unless absolutely necessary in slippery conditions. **Water in rear tyres does not constitute a counterweight.**

If front end equipment is added to the tractor, the fully laden mass of the front end equipment must be checked by putting the front axle over a weighbridge and the maximum axle load must be within the front axle capacity. Check in your operator's manual or with the dealer for maximum front axle capacity. (Maximum weight on weighbridge).

### **2. Rear Axle Load**

The maximum allowable rear axle load depends on whether the tractor is carrying weight or pulling a load. When carrying weight only and not pulling, the tyres will need to have sufficient capacity and this is provided by specifying the correct size and ply rating of the tyre. Some extra weight can be added to the rear axle in some conditions, but generally this is not required except when soil conditions are very slippery. The total weight of the tractor must not exceed maximum allowable weight (which may be less than the aggregate of both axle capacities).

### **3. Ballast and Wheel Slip**

Wheel slip is the essential requirement for a tractor to achieve maximum efficiency and fuel consumption. In normal soil conditions wheel slip must be in the range of 8-12% for all wheeled tractors, or 4-6% for all tracked tractors or in loose soil conditions up to 15% for the tractor to achieve maximum pull and maximum efficiency. If wheel slip is insufficient at maximum pull then the transmission may well be overloaded and the tractor is too heavy. Do not add water ballast and wheel weights unless conditions are extremely slippery and wheel slip becomes excessive as the use of this extra weight can result in damage to the transmission and higher fuel consumption in good traction conditions. Consult your dealer for maximum allowable ballast under the circumstances.

Fitment of dual wheels or wider tyres is sometimes possible for slippery or sandy conditions, but axle load in dry, hard conditions must be limited as the extra traction with wide tyres in these conditions may damage the transmission. The only torque limiter for a transmission is wheel slip. Operation in very low gears with high drawbar loads and minimal wheel slip will cause severe transmission damage on any tractor.

**4. Front Axle "Lead" – Operation with Front Axle Engaged**

A front wheel assist tractor requires the front tyres ground surface speed to be slightly faster than the back wheels so that they provide the necessary assistance. This "lead" on the front wheels should be in the range of 1 to 4%. Higher percentage leads can only be used in very soft conditions. The tyres supplied with your tractor have been checked to ensure the correct lead is provided, but when replacement tyres are fitted, the same brand and size must be used to maintain the correct ground surface speed between the front and back tyres. Changing brands, tyre pressures or tyre sizes can alter this surface speed ratio or "lead" which can cause damage to the front axle, gears, driveline and excessive tyre wear. Often alterations to the weighting of the tractor, tyre sizes, or pressures can cause "wheel hop" which is both uncomfortable in the cab, causes loss of traction and results in excessive drive component wear.

**5. Economy P.T.O.**

As noted in the operators manual, economy P.T.O. (750 r.p.m. at rated engine speed) on large tractors is a feature whereby lower engine RPM can be used at the standard 540 P.T.O. speed. This feature on some models, can only be used where the P.T.O. implements are only required for light duty operations such as light spray booms or hay rakes where the power demand is less than 30% of engine horsepower.

Economy P.T.O. drives are usually not designed to carry the maximum engine horsepower but are useful for saving fuel in these lower H.P. applications.

**6. Operation on Steep Hills**

The operator's manual makes notes about safe operation in steep conditions. It should be further noted that when working on very steep slopes lubrication conditions in the transmission may be marginal due to the oil running to the back or front of the transmission. Special recommendations for safer operation and extra lubrication may be required. Please consult your dealer if severe slopes over 15° may be attempted.

**7. Remote Hydraulics**

In some applications the hydraulic remote oil supply can be used to drive hydraulic motors. In these applications it is important to note that hydraulic motors can generate a lot of heat and that the oil cooling systems on the tractor may be inadequate when these high power hydraulic motors are used. Some remote hydraulic applications can provide additional oil cooling but where these systems are involved ensure that the oil is both cooled and filtered otherwise the application may be detrimental to the hydraulic system on the tractor. It is advisable to have return line direct to tank for motor systems to reduce seal pressure and heat losses. For specific models, seek advice from dealer.

**8. Towing Heavy Loads (Trailers, Harvesters, etc.)**

When towing heavy loads at higher speeds additional braking may be required, e.g. trailer braking, and extra ballast may be required on the back wheels to ensure adequate braking on the rear axle. Check with your dealer in these special applications.

When engaging the manual clutch (when fitted) use a lower gear to take-off then change up for higher ground speeds. Excessive slipping of dry plate clutches by the operator will significantly reduce clutch life.

### 9. Other Operators

You have been provided with safety instructions in the operator's manual which give information about safe operation. If there are other drivers of your tractor please ensure they are familiar with this safety information.

It is important that passengers travel in the tractor only when seated in a proper passenger seat with a seat belt in use. Passengers should not be carried unless safe conditions apply – refer decal. Passengers must not be carried on the outside of the tractor at any time. This is because the rollover safety frame is only designed to protect those inside the cab with ROPS (Rollover Protective Structure).

If only a ROPS is fitted then transport of passengers even with a seat is not recommended.

### 10. Chemical Filters for Cabs

Note when spraying dangerous chemicals.

A chemical absorbent filter when fitted to an air-conditioned cab only provides additional protection. It does not ensure the cab is free from the hazardous material. PERSONAL PROTECTIVE EQUIPMENT MUST ALSO BE USED. Observe the guidelines supplied by the chemical manufacturer and the filter use instructions.

### 11. Front End Loaders & Forklifts

Many tractors have "front end" loaders fitted and in some cases forks are added in lieu of a bucket. If forks are fitted locally then the complete unit becomes a "forklift" and must comply with forklift codes to be safe in operation, i.e. correct counterweights, reversing buzzers, etc. must be fitted to comply with Australian Standards. AGCO does not recommend conversion of tractors to forklifts unless carried out by proper engineering manufacturers.

### 12. Creeper gears

Many tractors have creep gears (i.e. less than 1.5 kph ground speed gears available in the gear box). Use of these gears is NOT recommended for drawbar work as use of the high axle torque available can damage the transmission. The creep speed is for slow operation of P.T.O. implements.

### 13. Spray tanks

Some large spray tanks are available to fit on tractor linkages both front and rear. Before selecting appropriate tanks ensure that overall maximum mass is not exceeded. Ensure that tanks, if directly attached to a tractor are adequately supported from both axles. Maximum static load on both front and rear axles cannot be used together otherwise tractor structural damage may occur in rough conditions. Ensure that ride cushioning is provided by using NO water in tyres and appropriate tyre pressures. Use active transport control or accumulator cushioning where fitted. Use a transport cushioning system (if fitted).

14. Your authorised AGCO dealer must be consulted if you wish to operate outside of the gauge (wheel spacing) specified in the OIB. Special limitations apply as gauge width increases from the factory standard. Failure to adhere to recommended limitations as advised by AGCO Australia may void machine warranty.

**INSTALLATION CHECK SHEET**

Please check and initial all of the below.	✓	Ini
The Operator's Manuals is essential for this installation. The operator to be taken step by step through all sections of the Operator's Manual, pointing out locations on the tractor highlighting the following.		
Lubrication: Oil grades, capacities, change periods, grease points. Daily and periodical maintenance, filter locations and preventive maintenance. Refer Lubrication Bulletin.		
Air Cleaner: Importance of regular maintenance, correct installation and checks particularly in dusty conditions. NOTE: Dust in engines is not warranty.		
Fuel: Cleanliness of storage tanks, ageing fuel, servicing filters.		
Fuel System: WARNING: To be serviced by trained serviceman or agents only.		
Cooling System: Cleanliness of radiator core, water treatment and fan belt adjustment.		
Clutch: Operation and rest use.		
Transmission: Explain best operation and use of transmission.		
Tyres and Wheels: Adjustment of wheel bearings, toe-in, water ballast, wheel centre and rim bolt tension FWA. Explain lead for front wheel assist tractors.		
Wheels: Adjustment of centres, ballast, cleaning, maintenance, tyre pressures.		
Check cab facilities, and seat adjustments and seat belts.		
Electrical: Location of fuses, operation of monitors, ELC, Powershift and engine.		
Hydraulic Equipment : Absolute cleanliness of hydraulic fluid, location of filters, care of hoses, protection of remote coupling, oil leaks and circuit functions.		
Serial Numbers: Location of all serial numbers – importance of quoting them when ordering parts.		
Demonstration: Dealer to operate equipment and instruct the operator in use of all controls. Explain functional characteristics, operating techniques, warn against abuse.		
Air Conditioner: Precaution maintenance and operation and cleaning of condenser and filter.		
Safety Precaution: Observe safety instructions in manual.		
Warranty: Warranty Books explained and handed to owner/operator.		

**IMPORTANT Refer to Instruction Book or Workshop Manual for specified clearances, adjustments, and oil levels.**

## MOBIL-TRAC SYSTEM WARRANTY

### PRO-RATA 2 YEAR/2000 HOUR

The following warranty applies to the tracks that are part of the Challenger Mobil-Trac System (MTS) used on AGCO Challenger tractors.

### WARRANTY COVERAGE

Belt cost reimbursement from AGCO Australia Limited for new tracks is based pro-rata on the average wear percentage of the grouser (tread) bars on the belt surface. Within the first 10% of wear, there is no pro-rata reduction applied to the replacement track reimbursement. This prevents the customer from being penalised for an early hour track failure.

### CALCULATING THE USER ALLOWANCE

The following is the pro-rated user allowance formula, for failed tracks that are beyond the 10% wear limit.

The formula calculates the cost allowance that AGCO Australia Limited gives the customer toward the purchase of a new replacement belt.

$$\text{User allowance} = \frac{(A-B) \times (C)}{D}$$

A = Average measured grouser (tread) bar height in mm's at time of failure.

B = Grouser Height at 100% worn (ref. Table: 1).

C = Current consumer list price for new track.

D = Total usable grouser height (grouser height at new minus grouser height at 100% worn).

For average measured grouser height (factor A), dealer must take 4 grouser height measurements across the width of the failed track at two locations around the track for a total of 8 measurements. To calculate the average grouser height, add up the eight measurements and divide total by 8.

Please note that photos must be taken, clearly showing the following and sent to AGCO Service department in Sunshine with the claim.

- Overall view of the machine and overall view of defect area.
- Closer shot to identify defect area but wide enough to show adjacent features.
- Close up view of defect itself from 3 angles
- Photo of part number and serial number of the track
- Surface opposite of defect, i.e. if tread defect, photo of id and guide lugs

Claims will not be paid without photos, all of which must be in focus.

The following table lists the values to be used for factors B and D in the user allowance formula.

TYPE OF TRACK	FACTOR B	FACTOR D
General Ag Track	12mm	67mm
Low-Profile Track	12mm	38mm
Extreme Application Track	12mm	75mm
Special Application Track	12mm	57mm

## **WARRANTY REPLACEMENT GUIDELINES**

The following replacement guidelines are to be used when determining if a track should be replaced under the terms of the Mobil-Trac warranty. The warranty covers only belt failures that are truly caused by defect in material or workmanship. The warranty does not cover application-related failures.

Belts that are replaced are covered by normal AGCO parts warranty.

## **GUIDE-BLOCK UNBONDING OR MISSING**

Tracks with guide blocks that are showing signs of major unbonding from the track or have at least three missing adjacent guide blocks in a row, due to defect in material or workmanship, should be replaced under warranty. Major unbonding is when more than 50% of a guide blocks surface is unbonding from the track carcass. In such cases, the track carcass will look very smooth where the guide block came off. If a significant amount of the guide block material is still attached to the track carcass, it is indicated that an external force tore off the guide block making it a non-warrantable failure.

Guide block failures that are not warrantable under the Mobil-Trac warranty include the following causes of failure.

- Untracking is considered an application or operational problem, assuming the belt tension is correct. Maintaining belt tension is the responsibility of the owner, and failures due to incorrect belt tension are not warrantable.
- Extreme application (more than 15% grade) will cause tracks to reach the end of their useful life, due to excessive guide block wear before the grouser (tread) bars reach 100% worn.
- Alignment problems can cause rapid guide block wear. Belt failures that are the result of misalignment are not warrantable under machine warranty.

## **MISSING GROUSER (TREAD) BARS**

Tracks that have two or more missing grouser bars with little or no parent material left indicating major unbonding from the track are warrantable and should be replaced. Where applicable, the grouser bars may be replaced and the belt repaired. If the missing grouser bars have significant parent material left on the track or a section of the track is torn away, it indicates the failure is caused by external forces and is not warrantable.

## **TORN TRACKS**

Tracks that are torn are generally caused by either untracking or severe debris ingestion into the undercarriage. These conditions are usually considered an application or operational problem therefore may not be warrantable.

## **MATING OF TRACKS**

Replacement of a mating non-failed belt is not warrantable. When a failed warrantable track with a significant amount of wear is replaced, customer must decide whether or not to replace the non-failed mating track at their expense. Putting a new track on one side with a heavily worn track.

### **ROLL OVER PROTECTIVE STRUCTURE WARNING**

To be signed in conjunction with the installation certificate

This tractor has a Roll-Over Protective Structure (ROPS) fitted to comply with Safety Regulations (where applicable).

Under no circumstances should any Roll-Over Protective Structure be altered, modified or removed – such action on your part is an offence and makes you liable for prosecution under existing legislation.

*I therefore certify that this machine has been installed with a Roll-Over Protective Structure in position and I am fully aware of the necessity to maintain the machine in good order and condition.*

### **SAFETY GUARD WARNING**

To be signed in conjunction with installation certificate

This tractor has SAFETY GUARDS fitted to comply with all Safety Regulations (where applicable)

Under no circumstances should any guards be altered or modified – such action on your part is an offense and makes you liable for prosecution under existing legislation.

*I therefore certify that this machine has been installed with all GUARDS in position and I am fully aware of the necessity to maintain same on the machine in good order and condition in accordance with the hazard analysis, risk assessment procedure as per the health and safety regulations. I have been acquainted with the recommended safe operating procedures and have read the instructions in the Operator's Manual. I have received this warranty manual and understand the warranty contract.*



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