

MICHELIN®/KLÉBER® AGRICULTURAL TIRES

United States and Canada

LIMITED MANUFACTURER'S WARRANTY

Effective March 1, 2013



6. Determine maximum rear tire load with the scraper(s) attached and fully loaded and set tire pressures according to the MICHELIN Data Book specifications for maximum loaded speed or 20 mph (40 km/h), whichever is greater. The rear axle must be weighed with the scraper(s) attached and fully loaded, in order to make this determination. Approximate loads for different size scrapers are given in the Table 5 below. These loads will be approximately the same whether pulling one, two or three scrapers.

Table 5

	8 yd	10 yd	12 yd	14 yd	15 yd	17 yd	18 yd
Scraper Ship wt. (lbs)	7,000	12,000	14,000	15,000	16,000	17,000	18,000
Scraper Payload (lbs)	21,600	27,000	32,400	37,800	40,500	45,900	48,600
Total wt. (lbs)	28,600	39,000	46,400	52,800	56,500	62,900	66,600
Tongue wt. (lbs)	9,000	12,000	14,000	16,000	18,000	21,000	22,000

Payloads calculated at 2,700 lbs per cubic yard

Coverage C

If a Covered Tire is rendered unserviceable due to several areas of exposed cord, or numerous non-repairable penetrations to the Interior caused by stubble damage, the Table 6 for Coverage C, below, shows the replacement charges based on years in service.

Table 6

MICHELIN and Kléber Stubble Damage Warranty	
YEARS IN SERVICE (Based upon date of purchase)	CHARGE TO OWNER
First	25%
Second	50%
Third	75%

When these limits are exceeded, all warranties, express or implied, expire.

Table 7

MICHELIN and Kléber Stubble Damage Warranty for Tires with Stubble Shield stamp	
YEARS IN SERVICE (Based upon date of purchase)	CHARGE TO OWNER
First	No Charge
Second	25%
Third	50%
Fourth	75%

When these limits are exceeded, all warranties, express or implied, expire.

ONLY CLAIMS SUBMITTED ON VALID MICHELIN®/KLÉBER LIMITED WARRANTY CLAIM FORM, PROPERLY EXECUTED AND SIGNED BY THE MICHELIN®/KLÉBER TIRE RETAILER AND THE OWNER WILL BE RECOGNIZED AS VALID.

Coverage D: 90-DAY SATISFACTION PROMISE

If for any reason, the original purchaser of a Covered Tire is not completely satisfied, the Covered Tire may be returned to the selling dealer within 90 days of purchase for a refund of the full purchase price of the Covered Tire. Covered Tires that become unserviceable during the 90-day period are covered by the limited warranty and are ineligible for replacement under this satisfaction promise. Mounting and demounting charges, other dealer services and applicable taxes are the responsibility of the original purchaser. The original purchase invoice must accompany any claim.

SAFETY/MAINTENANCE INFORMATION

Read the safety warning portion and the maintenance recommendations in the current MICHELIN Agricultural Tire Data Book (available online at Michelinag.com), the information on the sidewall of your tires, your vehicle owner's manual, and the inflation information in the appropriate data book for essential safety and maintenance information.

WARNING – SERIOUS INJURY OR DEATH MAY RESULT FROM:

- Explosion of the tire/rim/wheel assembly due to improper mounting. Only specially trained persons should mount tires. Use a safety cage while inflating the tires. In the absence of a safety cage, stand to one side of the tire. Use an airline with a clip-on chuck and an in-line gauge that is at least 6 feet from the tire valve. Avoid standing directly in front of the tire or over the tire; always stand to one side. Never inflate an agricultural tire over 35 psi (2.4 bar) to seat the beads.
- Tire failure due to misapplication, improper inflation, overloading, or exceeding maximum speed. Follow tire and equipment manufacturer's instructions. Check inflation pressure frequently with an accurate gauge, when the tire is cold.
- Explosion of the tire/rim/wheel assembly due to welding the rim without first removing the tire.
- Re-inflation of a tire that has been run in an under-inflated or run-flat condition.



WARNING! Tire changing can be dangerous and should be done by trained personnel using proper tools and procedures. Always read and understand any manufacturer's warning contained in manufacturer's literature, website or molded into the tire sidewall.

If additional information or service is required: Visit your MICHELIN/Kléber Agricultural Tire Retailer, call or write for help in locating your nearest Tire Retailer, or visit www.michelinag.com for an online dealer locator, databook and tire selector:

UNITED STATES
Michelin North America, Inc.
Consumer Care Center
P.O. Box 19001
Greenville, SC 29602-9001
Tel.: 1-888-552-1213
Fax: 1-864-458-5538

CANADA
Michelin North America, (Canada) Inc.
Agricultural Marketing Dept.
2500 Daniel Johnson Boul., suite 500
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MICHELIN®/KLÉBER® AGRICULTURAL TIRES MANUFACTURER'S LIMITED WARRANTY

This warranty also includes Kléber® tubes.

ABOUT THIS WARRANTY

As the owner of MICHELIN® or Kléber® Agricultural tires (hereafter "Covered Tires"), you have all the benefits subject to all the conditions contained herein in the following limited warranty, provided you have complied with the technical and maintenance recommendations and the safety warnings contained in the current MICHELIN® Agricultural Tire Data Book, Part Number MUT41305 (hereafter referred to as "Data Book" available online at Michelinag.com). It is essential that you carefully read and understand the safety and maintenance recommendations contained in the data book before putting your tires into service. For additional information about Covered Tires, consult any participating MICHELIN Agricultural Tire Retailer, or refer to the Data Book pertaining to the product in use. Michelin North America, Inc. hereafter ("MNA") is the processor of warranty claims for MICHELIN and Kléber Agricultural tires and Kléber® tubes.

WHO IS COVERED

The original purchaser of new Covered Tires, which bear a MICHELIN or Kléber serial number, and which were purchased on or after March 1, 2013, is covered by the terms and conditions of this limited warranty. Date of purchase is documented by a new equipment sales invoice or by a new tire sales invoice. This limited warranty applies only to tires sold and used in the United States of America and Canada. If proof of purchase is not available, the age of the tire is determined from date of manufacture.

WHAT IS COVERED, AND FOR HOW LONG

Tires used on the machine on which they were originally fitted are covered on a pro rata basis against one or more of the following as outlined below:

Coverage A: Conditions in workmanship and materials for a period of nine (9) years See tables 1 and 2 under Coverage A.

Coverage A-1: Limited scraper application coverage for a period of four (4) years. See table 3 under Coverage A-1.

Coverage C: Stubble damage for a period of three (3) years. See table 6 under Coverage C.

Coverage C-1: Stubble Damage for a period of four (4) years for tire stamped with Stubble Shield. See table 7 under Coverage C-1.

Coverage D: 90-DAY SATISFACTION PROMISE MICHELIN/Kléber drive tires used in normal agricultural service are included in Coverage A, C and D.

A tire covered by this limited warranty that becomes unserviceable (i.e., cannot be repaired using industry-wide accepted repair procedures and materials and returned to service) due to a workmanship/materials condition or stubble damage, will be replaced with a comparable new MICHELIN /Kléber Agricultural tire under the terms of this warranty.

HOW REPLACEMENT CHARGES ARE CALCULATED

The respective tables, A or C are used to determine the percent of charge, based upon the tire age. Consumer charges are calculated as the percentage from the table multiplied by the "current retail selling price" of the new tire at the time of replacement. Mounting and field service charges are paid by MNA, only for Coverage A, workmanship and materials, "No Charge" replacements. The consumer is responsible for all other mounting and field service charges including any and all applicable taxes. The replacement charge, if any, will be based on the condition of the tire as assessed by the MICHELIN/Kléber Agricultural Sales Retailer who inspects the tire.

WHAT IS NOT COVERED

Loss of time, inconvenience, loss of use of machine or consequential damages; ozone or weather cracking that does not render the tire unserviceable; tires that become unserviceable due to:

- machine damage, machine accident/collision, chemical corrosion, mis-mounting (except OEM mismatch), fire, lightning or contact with electrical power lines, under-inflation, over-inflation, overload, misapplication, misuse, neglect, operation at excessive speed; broken or damaged beads or any damage due to improper installation, rim or chain damage, and/or mechanical condition of the machine;
- tires used with improper tubes or O-rings;
- damage by non-agricultural uses such as tractor pulls and/or improper applications such as when the size and load range of the tire are not equivalent to or less than the equipment manufacturer's specifications;
- failure due to the addition of tire fillers, sealants, balancing substances, ballast, etc.;
- improper repair;
- wheel misalignment;
- tires that can be repaired using industry-wide accepted repair procedures and materials, and returned to service.

Note: If there is a warranty claim on a tire previously replaced under warranty, the date of the claim will revert to the original claim date.

WHAT THE OWNER MUST DO

The owner must present the Covered Tire to an authorized MICHELIN® Agricultural Tire Retailer.

A MICHELIN Claim Form must be completed, signed and accompanied by a copy of proof of purchase of either the Covered Tire or the equipment on which the Covered Tire was mounted by its manufacturer.

Coverage A

Table 1

MICHELIN and Kléber Tires Workmanship and Materials Warranty	
YEARS IN SERVICE	CHARGE TO OWNER
First	No Charge
Second	No Charge
Third	30%
Fourth	40%
Fifth	50%
Sixth	60%
Seventh	70%
Eight	80%
Ninth	90%

Table 2

Kléber Tubes* Workmanship and Materials Warranty	
YEARS IN SERVICE	CHARGE TO OWNER
First	No Charge
Second	No Charge
Third	30%
Fourth	40%
Fifth	50%

When these limits are exceeded, all warranties, express or implied, expire.

* Kléber Tubes (Table 2) – All tubes covered in this warranty have coverage for workmanship and materials when used in normal agricultural service. To qualify, the tube(s) MUST be installed by a participating Michelin North America Tire Retailer. During the first year of service, a qualifying tube will be replaced free of charge including the installation and labor charges by Michelin North America. Proof of purchase is required.

Coverage A – A-1: For Scraper Applications

Workmanship and Materials: MICHELIN® and Kléber® Covered Tires used in scraper applications are covered for a period of 4 years from the date of purchase in accordance with Table 3 shown below. This coverage applies to Michelin® XM28®, MACHXBIB®, MULTIBIB®, OMNIBIB™ and AXIOBIB® tires.

Table 3

Workmanship and Materials Limited Scraper Usage Only	
TIRE AGE	CHARGE TO OWNER
1 year or less	30%
2 years or less	40%
3 years or less	60%
4 years or less	80%

When these limits are exceeded, all warranties, express or implied, expire.

WHAT IS NOT COVERED

This limited warranty applies to conditions in workmanship and materials and does not cover tires that are rendered unserviceable from poor maintenance or improper use. Specifically, the following are not covered: Tire failure due to overload; Tire failure due to operating with full power at speeds under 4 mph (6.5 km/h); Rim slip or bead leakage due to undersized rims, deteriorated rims, or mis-mounting; Lug deterioration due to excessive cutting; Tire failure due to the use of incorrect inflation pressure. (See the following procedures for determining correct machine weights and tire inflation pressures.)

Tractor Set-up and Tire Recommendation Worksheet for Scraper Applications:

1. The guidelines (Table 4) should be followed when selecting scraper size by cubic yard to match tractor horsepower.
2. Tire size must be equal to or greater than the minimum required to transmit the full power of the tractor. Single or triple tire configurations are not recommended (except for singles on the front axle of MFWA tractors). Use tractor manufacturer's recommended tire sizes for scraper operations or apply the following rule: **Max tire load capacity at max tractor speed must be greater than the max load expected on any tire at any given time during the scraping operation. When used in duals, the tire load capacity must be reduced by 12%.**

Table 4

Scraper Size	HP Required
8 yd	130-180
10 yd	160-180
12 yd	180-225
14 yd	225-360
15 yd	225-380
17 yd	360-450
18 yd	360-450

3. Articulated 4WD tractors should be ballasted with cast iron weights so that 65-70% or more of the total static weight of the tractor is on the front axle (without the scraper attached). No rear ballast is recommended, as loading of the scraper will provide all the rear axle weight required. Liquid fill inside the tires is not recommended for use as ballast.
4. MFWA tractors should be ballasted on the front of the machine with the maximum amount of cast weight recommended by the manufacturer. Follow tractor manufacturer's recommendation for rear axle ballast. Liquid fill inside the tires is not recommended for use as ballast.
5. Determine maximum front tire load at maximum speed and set tire pressures according to the Michelin Data Book specifications. The front axle must be weighed without the scraper attached, in order to make this determination.