APPLICATION GUIDE

RAAFT Tracks are designed to be ag tough and can be used in a variety of field conditions. There are conditions to be avoided and applications of the RAAFT Track that can shorten the life of the tracks or, in extreme cases, even lead to immediate failures. This guide will list some of the more common issues to avoid and how to best apply the track when less than ideal conditions are unavoidable.

- Side grades over 20% will shorten the life of the RAAFT Track and may cause problems with the track steering properly.
- Grades over 30% in the direction of travel will shorten the life of the RAAFT Track and the resultant weight transfer will reduce the flotation enhancement provided by the RAAFT Track.
- Running the RAAFT Track in existing ruts will reduce the life of the track. If it is impractical to close existing ruts before installing the RAAFT Track, thoroughly wetting the rut to soften the soil will greatly reduce the stress applied to the track. This will minimize the reduction in product life. In most cases, after a rotation or two of the pivot the RAAFT Track will have effectively closed the existing rut.
- RAAFT Tracks should never be ran over ruts, ditches, or any other obstruction that has been filled with sharp rock, broken up concrete or any other material that may gouge or cut the tracks.
- Tires and/or wheels that do not meet industry size standards, (over or under-sized or nonstandard tread) will cause performance problems and may lead to catastrophic failures of the tire and/or track.
    - Oversized wheels and/or tires will cause serious abrasion problems with the sides of the tracks and may result in bending of the wheel and/or catastrophic failure of the track.
    - Undersized wheels and/or tires may cause traction and slippage issues between the wheel and the track and may cause wear problems with the tire.
- Inadequate clearance between the tire and any obstacle on the pivot will result in damage to the track and/or pivot.
    - The model 525 and 526 RAAFT Track needs a minimum of 11" of clearance measured from the center of the tire/wheel to the closest obstacle.
    - The model 700 RAAFT Track needs a minimum of 13" of clearance measured from the center of the tire/wheel to the closest obstacle.
- All bolts used in the installation of RAAFT Tracks need to have a thread locking compound applied such as Permatex PX27140 or Loctite 271. Failure to use a thread locking compound may result in reduced life and/or catastrophic failure of the RAAFT Track.
- Sprinkler patterns should not be arranged to exclude the RAAFT Track or the ground they run through. Thoroughly wetting the RAAFT Track cleans and lubricates the track and extends the product life.

"During harvest, the great thing about RAAFT Tracks is there are no ruts to catch with a corn head when picking corn, swather when cutting hay, or beans with a draper head. There is just no other tillage to the farm. You just plant and harvest…end of story."

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