

### Definition

This wire rope has been developed to significantly reduce load rotation on the TRACTEL® minifor™ product line (sheaved or single strand) with respect to a standard steel wire rope.

### Composition of a standard supply (see figure) :

- equipped wire rope wound on a reel or drum (depending on length) and comprising :
- 1 wire rope (item 1),
- 1 galvanized steel thimble (item 2),
- 1 alloy sleeve (item 3) with CE wire rope nameplate (item 8) inserted in the sleeve,
- 1 alloy steel eye hook with safety latch (item 4).
- this technical data sheet\*,
- the minifor™ user manual\*,
- 1 Allen wrench\*, No. 3.

\*: accessories supplied separately in a bag.

### Inspection prior to installation of wire rope in minifor™

Check that :

- the wire rope is equipped with a high limit stop (item 5). If not, contact your TRACTEL® dealer to obtain the limit stop. For the sheaved version, the limit stop is secured to the sheave,
- the wire rope is equipped at its end with an alloy steel eye hook with safety latch (item 4) mounted on a wire rope loop with thimble (item 2) and swaged in an alloy sleeve (item 3),
- the other end is welded and ground (item 6). This end must be maintained welded, rounded off and free of any irregularities,
- If wear has reduced the nominal diameter by 10% or if you observe more than 10 broken wires over a length of 200 mm, the wire rope must be eliminated (same method as described in minifor™ user manual),
- the wire rope is not damaged (knots, swelling, ...). The wire rope must be destroyed if any of these defects are observed,
- the lifting device is a minifor™ built by TRACTEL®.

### Installing the wire rope in the minifor™

- Before installing the wire rope in the minifor™, fully unwind the equipped wire rope on the ground to prevent any deformation (swelling).
- For the sheaved version, proceed as follows in order:
  - Fully unwind the wire rope on the ground;
  - Run the wire rope in the sheave up to the hook;
  - Run the wire rope in the minifor™;
  - Secure the hook to the fastening bar of the minifor™;
  - Install the low limit stop.
- For the single-strand version, install the wire rope as instructed in the minifor™ user manual.

### Check before use


Check that :

- the wire rope is equipped with a low limit stop (item 7). If not, contact your local TRACTEL® dealer to obtain the limit stop,
- the limit stops operate correctly.

You must also comply with the recommendations specified in the minifor™ user manual.

### Using the wire rope

The wire rope must only be used as a single strand or sheaved on a TRACTEL® minifor™ hoist.

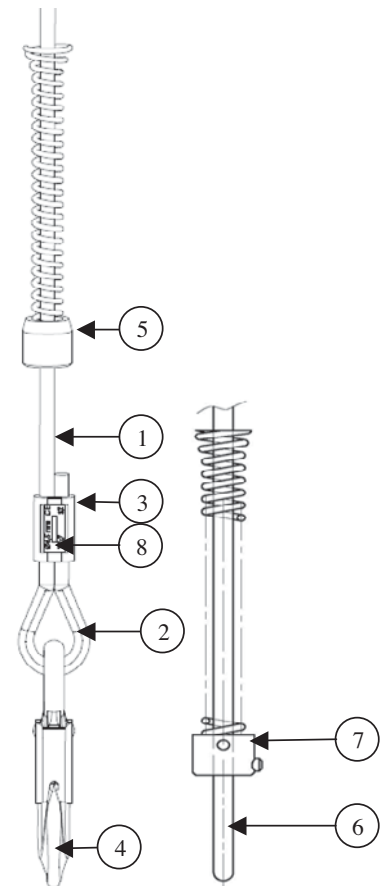
-  Use of this wire rope with the minifor™ winder is prohibited.

### Precautions for use

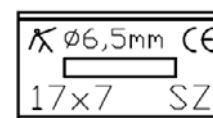
Do not :

- use the equipped wire rope without first having fully understood the information given in this technical data sheet and in the minifor™ user manual,
- use a wire rope which is not equipped with its high and low limit stops (item 5) and (item 7),
- use an equipped wire rope which you have not fully inspected along its entire length,
- use a damaged wire rope,
- use this wire rope on any other device other than a TRACTEL® minifor™ device,

### Composition of wire rope



### Wire rope nameplate (item 8):



- use an equipped wire rope having a damaged hook.

### Removing the wire rope from the hoist (load removed in all cases)

- The method for removing the equipped wire rope from the minifor™ hoist is the same method used to remove the standard wire rope (see minifor™ user manual).

### Composition

Characteristics of wire rope :

- Diameter : 6.48 0/+0.32 mm;
- Structure : 17x 7 (1+6);
- Wire rope construction : crossed lays – exterior RH crossed SZ;
- Material and surface condition of wires : Galvanized steel;
- Lubricant : lightly oiled;
- Tensile breaking load : 3430 daN;
- Metric weight : 170 g/m.